

Chemical formula	Synonyms	CAS number
Ac ₂ O ₃	actinium(III) oxide	
AgBF ₄	silver tetrafluoroborate	14104-20-2
AgBr	silver bromide	7785-23-1
AgBrO ₃	silver bromate	7783-89-3
AgCl	silver chloride	7783-90-6
AgCl ₃ Cu ₂		
AgClO ₃		
AgClO ₄	silver perchlorate	7783-93-9
AgCN	silver cyanide	506-64-9
AgF	silver fluoride	7775-41-9
AgF ₂	silver difluoride	7775-41-9
AgI	silver iodide	7783-96-2
AgIO ₃	silver iodate	7783-97-3
AgMnO ₄	silver permanganate	7783-98-4
AgN ₃	silver azide	13863-88-2
AgNO ₃	silver nitrate	7761-88-8
Ag ₂ O	silver oxide	1301-96-8
AgO	silver monoxide	
AgONC	silver fulminate	5610-59-3
AgPF ₆	silver hexafluorophosphate	26042-63-7
AgSNC	silver thiocyanate	1701-93-5
Ag ₂ C ₂	silver acetylide	7659-31-6
Ag ₂ CO ₃	silver(I) carbonate	534-16-7
Ag ₂ C ₂ O ₄	silver oxalate	533-51-7
Ag ₂ Cl ₂	silver(II) dichloride	75763-82-5
Ag ₂ CrO ₄	silver chromate	7784-01-2
Ag ₂ Cr ₂ O ₇	silver dichromate	
Ag ₂ F	silver subfluoride	1302-01-8
Ag ₂ MoO ₄	silver molybdate	13765-74-7
Ag ₂ O	silver(I) oxide	20667-12-3
Ag ₂ S	silver sulfide	21548-73-2
Ag ₂ SO ₄	silver sulfate	10294-26-5
Ag ₂ Se	silver selenide	1302-09-6
Ag ₂ SeO ₃	silver selenite	7784-05-6

Ag ₂ SeO ₄	silver selenate	7784-07-8
Ag ₂ Te	silver(I) telluride	12002-99-2
Ag ₃ Br ₂	silver dibromide	11078-32-3
Ag ₃ Br ₃	silver tribromide	11078-33-4
Ag ₃ Cl ₃	silver(III) trichloride	12444-96-1
Ag ₃ I ₃	silver(III) triiodide	37375-12-5
Ag ₃ PO ₄	silver phosphate	7784-09-0
AlBO	aluminium boron oxide	12041-48-4
AlBO ₂	aluminium borate	61279-70-7
AlBr	aluminium monobromide	22359-97-3
AlBr ₃	aluminium tribromide	7727-15-3
AlCl	aluminium monochloride	13595-81-8
AlClF	aluminium chloride fluoride	22395-91-1
AlClF	aluminium chloride fluoride	22395-91-1
AlClF ₂	aluminium chloride fluoride	13814-65-8
AlClO	aluminium chloride oxide	13596-11-7
AlCl ₂ H		16603-84-2
AlCl ₃	aluminium chloride	16603-84-2
AlCl ₂ F	aluminium chloride fluoride	13497-96-6
AlCl ₃	aluminium trichloride	7446-70-0
AlCl ₄ Cs	aluminium caesium tetrachloride	17992-03-9
AlCl ₄ K	potassium tetrachloroaluminate	13821-13-1
AlCl ₄ Na	sodium tetrachloroaluminate	7784-16-9
AlCl ₄ Rb	aluminium rubidium tetrachloride	17992-02-8
AlCl ₆ K ₃	potassium hexachloroaluminate	13782-08-6
AlCl ₆ Na ₃	sodium hexachloroaluminate	60172-46-5
AlF	aluminium monofluoride	13595-82-9
AlFO	aluminium monofluoride monoxide	13596-12-8
AlF ₂	aluminium difluoride	13569-23-8
AlF ₂ O	aluminium difluoride oxide	38344-66-0
AlF ₃	aluminium trifluoride	7784-18-1
AlF ₄ K	potassium tetrafluoroaluminate	14484-69-6
AlF ₄ Li	lithium tetrafluoroaluminate	15138-76-8
AlF ₆ K ₃	potassium hexafluoroaluminate	13775-52-5
AlF ₆ Li ₃	lithium hexafluoroaluminate	13821-20-0
AlF ₆ Na ₃	cryolite	15096-52-3

AlGaInP	aluminium-gallium-indium phosphide	
Al(OH) ₃	aluminium hydroxide	21645-51-2
AlI	aluminium monoiodide	29977-41-1
AlI ₃	aluminium triiodide	7784-23-8
AlLiO ₂	lithium aluminate	12003-67-7
AlN	aluminium nitride	24304-00-5
Al(NO ₃) ₃	aluminium nitrate	13473-90-0
AlNaO ₂	sodium aluminate	1302-42-7
AlO	aluminium monoxide	14457-64-8
AlOSi	aluminium silicon monoxide	37361-47-0
AlO ₂	Aluminium(IV) oxide	11092-32-3
AlP	aluminium monophosphide	20859-73-8
AlPO ₄	aluminium phosphate	7784-30-7
AlTe	aluminium monotelluride	23330-86-1
AlTe ₂	monoaluminium ditelluride	39297-18-2
Al ₂ BeO ₄	beryllium aluminium oxide	12004-06-7
Al ₂ Br ₆	dialuminium hexabromide	18898-34-5
Al ₂ (CO ₃) ₃	aluminium carbonate	14455-29-9
Al ₂ Cl ₉ K ₃	potassium aluminium chloride	74978-20-4
Al ₂ CoO ₄	cobalt blue	1333-88-6
Al ₂ F ₆	aluminium fluoride	17949-86-9
Al ₂ I ₆	aluminium iodide	18898-35-6
Al ₂ MgO ₄	magnesium aluminium oxide	12068-51-8
Al ₂ O	dialuminium monoxide	12004-36-3
Al ₂ O ₂	dialuminium dioxide	12252-63-0
Al ₂ O ₃	aluminium oxide	1344-28-1
Al ₂ O ₅ Si	aluminium silicate	1302-76-7
Al ₂ O ₅ Si	aluminium silicate	12141-46-7
Al ₂ O ₅ Si	andalusite	12183-80-1
Al ₂ O ₇ Si ₂	aluminium silicate	1332-58-7
Al ₂ S	dialuminium monosulfide	12004-45-4
Al ₂ S ₃	aluminium sulfide	1302-81-4
Al ₂ (SO ₄) ₃	aluminium sulfate	14455-29-9
Al ₂ Se	dialuminium selenide	12598-14-0
Al ₂ Te	dialuminium telluride	12598-16-2
Al F Na		

3 14 5	chiolite	1302-84-7
Al ₄ C ₃		
Al ₆ BeO ₁₀	beryllium aluminium oxide	12253-74-6
Al ₆ O ₁₃ Si ₂	mullite	1302-93-8
ArClF	argon chloride fluoride	53169-15-6
ArClH	argon chloride hydride	163731-17-7
ArFH	argon fluoride hydride	163731-16-6
AsBrO	arsenic oxybromide	82868-10-8
AsBr ₃	arsenic tribromide	7784-33-0
AsClO	arsenic monoxide monochloride	14525-25-8
AsCl ₃	arsenic trichloride	7784-34-1
AsCl ₃ O	arsenic oxychloride	60646-36-8
AsCl ₄ F	arsenic tetrachloride fluoride	87198-15-0
AsF ₃	arsenic trifluoride	7784-35-2
AsF ₅	arsenic pentafluoride	7784-36-3
AsH ₃	arsine	7784-42-1
AsI ₃	arsenic triiodide	7784-45-4
AsO	arsenic monoxide	12005-99-1
AsO ₂	arsenic dioxide	12255-12-8
AsP	arsenic monophosphide	12255-33-3
AsP ₃	arsenic triphosphide	12511-95-4
AsTl	thallium arsenide	12006-09-6
As ₂ I ₄	arsenic diiodide	13770-56-4
As ₂ O ₃	arsenic trioxide	1327-53-3
As ₂ P ₂	arsenic diphosphide	12512-03-7
As ₂ O ₅	arsenic pentaoxide	1303-28-2
As ₂ S ₄	arsenic tetrasulfide	1303-32-8
As ₂ S ₅	arsenic pentasulfide	1303-34-0
As ₂ Se	arsenic hemiselenide	1303-35-1
As ₂ Se ₃	arsenic triselenide	1303-36-2
As ₂ Se ₅	arsenic pentaselenide	1303-37-3
As ₃ O ₄	arsenic tetraoxide	83527-53-1
As ₃ P	arsenic(III) phosphide	12512-11-7
As ₄ O ₃	tetraarsenic trioxide	83527-54-2
As ₄ O ₅	tetraarsenic pentaoxide	83527-55-3
As ₄ S ₃	tetraarsenic trisulfide	12512-13-9

As ₄ S ₄	tetraarsenic tetrasulfide	12279-90-2
AuBO	gold monoboride monoxide	12588-90-8
AuBr	gold bromide	10294-27-6
AuBr ₃	gold tribromide	10294-28-7
AuCN	gold cyanide	506-65-0
AuCl	gold chloride	10294-29-8
AuCl ₃	gold trichloride	13453-07-1
AuF ₃	gold trifluoride	14720-21-9
AuI	gold iodide	10294-31-2
AuI ₃	gold(III) iodide	31032-13-0
Au(OH) ₃	gold hydroxide	1303-52-2
AuTe	gold telluride	37043-71-3
Au ₂ O ₃	gold trioxide	1303-58-8
Au ₂ S	gold sulfide	1303-60-2
Au ₂ S ₃	gold trisulfide	1303-61-3
Au ₂ (SeO ₄) ₃	gold triselenate	10294-32-3
Au ₂ Se ₃	gold triselenide	1303-62-4
BAs	boron arsenide	12005-69-5
BAsO ₄	boron(III) arsenate	
BBr ₃	boron tribromide	10294-33-4
BCl ₃	boron trichloride	10294-34-5
BF ₃	boron trifluoride	7637-07-2
BI ₃	boron iodide	13517-10-7
BN	boron nitride	10043-11-5
B(OH) ₃	boric acid	10043-35-3
BP	boron(III) phosphide	20205-91-8
BPO ₄	boron(III) orthophosphate	13308-51-5
B ₂ Cl ₄	boron chloride	13701-67-2
B ₂ F ₄	boron trifluoride	13965-73-6
B ₂ H ₆	boron hydride	19287-45-7
B ₂ O ₃	boron(III) oxide	1303-86-2
B ₂ S ₃	boron sulfide	12007-33-9
B ₃ N ₃ H ₆	borazine	6569-51-3
B ₄ C	boron carbide	12069-32-8
Ba(AlO ₂) ₂	barium aluminate	12004-04-5
Ba(AsO ₃) ₂	barium arsenite	125687-68-5

Ba(AsO ₄) ₂	barium arsenate	56997-31-0
BaB ₆	barium hexaboride	12046-08-1
Ba(BrO ₃) ₂ ·H ₂ O	barium bromate monohydrate	10326-26-8
Ba(BrO ₃) ₂ ·2H ₂ O	barium bromate dihydrate	
BaBr ₂	barium bromide	10553-31-8
Ba(CHO ₂) ₂	barium formate	541-43-5
Ba(C ₂ H ₃ O ₂) ₂	barium acetate	543-81-7
Ba(CN) ₂	barium cyanide	542-62-1
BaC ₂ O ₄	barium oxalate	516-02-9
BaC ₂	barium carbide	50813-65-5
BaCO ₃	barium carbonate witherite	513-77-9
Ba(ClO ₄) ₂	barium perchlorate	13465-95-7
BaCl ₂	barium chloride	10361-37-2
BaCrO ₄	barium chromate barium chromate(VI)	10294-40-3
BaF ₂	barium fluoride	7787-32-8
BaFeSi ₄ O ₁₀	gillespite	
BaHgI ₄	barium tetraiodomercurate(II)	10048-99-4
BaI ₂	barium iodide	13718-50-8
BaK ₂ (CrO ₄) ₂	barium potassium chromate	27133-66-0
BaMnO ₄	barium manganate	7787-35-1
Ba(MnO ₄) ₂	barium permanganate	7787-36-2
BaMoO ₄	barium molybdate	7787-37-3
BaN ₆	barium azide	18810-58-7
Ba(NO ₂) ₂	barium nitrite	13465-94-6
Ba(NO ₃) ₂	barium nitrate	10022-31-8
Ba(NbO ₃) ₂	barium niobate	12009-14-2
BaNb ₂ O ₆	barium metaniobate	12009-14-2
BaO	barium oxide	1304-28-5
Ba(OH) ₂	barium hydroxide baryta	17194-00-2
BaO ₂	barium dioxide	1304-29-6
Ba(PO ₃) ₂	barium metaphosphate	13466-20-1
BaS	barium sulfide	21109-95-5
Ba(SCN) ₂	barium thiocyanate	2092-17-3

BaS ₂ O ₃	barium thiosulfate	35112-53-9
BaSiF ₆	barium hexafluorosilicate	17125-80-3
BaSO ₃	barium sulfite	7787-39-5
BaSO ₄	barium sulfate barite	7787-43-7
BaSe	barium selenide	1304-39-8
BaSeO ₃	barium selenite	13718-59-7
BaSeO ₄	barium selenate	7787-41-9
BaSiO ₃	barium metasilicate	13255-26-0
BaSi ₂	barium silicide	1304-40-1
BaSi ₂ O ₅	barium disilicate	12650-28-1
BaSn ₃	barium stannate	12009-18-6
BaTeO ₃	barium tellurite	58440-17-8
BaTeO ₄ ·3H ₂ O	barium tellurate trihydrate	28557-54-2
BaTiO ₃	barium titanate barium metatitanate	12047-27-7
BaU ₂ O ₇	barium uranium oxide	10380-31-1
BaWO ₄	barium tungstate	7787-42-0
BaZrO ₃	barium zirconate	12009-21-1
Ba ₂ Na(NbO ₃) ₅	barium sodium niobate	12323-03-4
Ba ₂ P ₂ O ₇	barium pyrophosphate	13466-21-2
Ba ₂ V ₂ O ₇	barium pyrovanadate	
Ba ₂ XeO ₆	barium perxenate	
Ba ₃ (CrO ₄) ₂	barium chromate(V)	12345-14-1
Ba ₃ N ₂	barium nitride	12047-79-9
Ba ₃ (PO ₄) ₂	barium orthophosphate	
Ba ₃ (VO ₄) ₂	barium orthovanadate	39416-30-3
BeB ₂	beryllium boride	12228-40-9
Be(BH ₄) ₂	beryllium borohydride	17440-85-6
BeBr ₂	beryllium bromide	7787-46-4
Be(CHO ₂) ₂	beryllium formate	1111-71-3
Be(C ₂ H ₃ O ₂) ₂	beryllium acetate	543-81-7
Be(C ₅ H ₇ O ₂) ₂	beryllium acetylacetonate	10210-64-7
BeCl ₂	beryllium chloride	7787-47-5
BeF ₂	beryllium fluoride	7787-49-7
BeI ₂	beryllium iodide	7787-53-3

BeO	beryllium oxide bromellite	1304-56-9
Be(OH) ₂	beryllium hydroxide	13327-32-7
BeS	beryllium sulfide	13598-22-6
BeSO ₄	beryllium sulfate	13510-49-1
Be ₂ C	beryllium carbide	506-66-1
Be ₃ N ₂	beryllium nitride	1304-54-7
BiBO ₃	bismuth(III) orthoborate	
BiBr ₃	bismuth(III) bromide	7787-58-8
Bi(C ₂ H ₃ O ₂) ₃	bismuth(III) acetate	22306-37-2
BiC ₆ H ₅ O ₇	bismuth(III) citrate	813-93-4
BiCl ₃	bismuth(III) chloride	7787-60-2
BiF ₃	bismuth(III) fluoride	7787-61-3
BiI ₃	bismuth(III) iodide	7787-64-6
Bi(NO ₃) ₃ ·5H ₂ O	bismuth(III) nitrate pentahydrate	10035-06-0
BiOCl	bismuth(III) oxychloride	7787-59-9
BiOI	bismuth(III) oxyiodide	7787-63-5
(BiO) ₂ CO ₃	bismuth oxycarbonate	5892-10-4
BiPO ₄	bismuth(III) orthophosphate	10049-01-1
Bi(VO ₃) ₅	bismuth(III) metavanadate	
Bi ₂ Se ₃	bismuth(III) selenide bismuth selenide	12068-69-8
Bi ₂ (MoO ₄) ₃	bismuth(III) molybdate	13565-96-3
Bi ₂ O ₃	bismuth(III) oxide	1304-76-3
Bi ₂ S ₃	bismuth(III) sulfide bismuthinite	1345-07-9
Bi ₂ Se ₃	bismuth(III) selenide	12068-69-8
BrCl	bromine chloride	13863-41-7
BrO ₃ ⁻	bromate ion	15541-45-4
Br ₂	bromine	7726-95-6
CCl ₂ F ₂	dichlorodifluoromethane freon-12	75-71-8
CCl ₄	carbon tetrachloride tetrachloromethane	56-23-5
CFCl ₃	freon-11	75-69-4
CFCl ₂ CF ₂ Cl	freon-13	
CHCl ₃	chloroform trichloromethane	67-66-3

	methyl trichloride	
CHO_2^-	formate ion	
$\text{CH}_2\text{CHCHCH}_2$	1,3-butadiene	106-99-0
CH_2CO	ketene	
CH_2ClCOOH	chloroacetic acid	
CH_2Cl_2	dichloromethane	75-09-2
CH_2O	formaldehyde	19710-56-6
$\text{CH}_2\text{OHCH}_2\text{OH}$	ethylene glycol	
CH_3CCH	propyne	
$\text{CH}_3\text{CHCHCH}_3$	2-butene	
CH_3CHCH_2	propene	
CH_3CHO	acetaldehyde	
$\text{CH}_3\text{CH}_2\text{Br}$	bromoethane	
$\text{CH}_3\text{CH}_2\text{CH}_2\text{CH}_2\text{OH}$	butan-1-ol	
$\text{CH}_3\text{CH}_2\text{CH}_2\text{OH}$	1-propanol propan-1-ol	
$\text{CH}_3\text{CH}_2\text{CONH}_2$	propanamide	
$\text{CH}_3\text{CH}_2\text{COOH}$	propionic acid	
$\text{CH}_3\text{CH}_2\text{OCH}_2\text{CH}_3$	diethyl ether ethoxyethane	
$\text{CH}_3\text{CH}_2\text{OH}$	ethanol	
$\text{CH}_3(\text{CH}_2)_{16}\text{COOH}$	stearic acid	
CH_3COCH_3	acetone	
CH_3COCl	acetyl chloride	
CH_3CONH_2	acetamide ethanamide	
CH_3COO^-	acetate ion	
$\text{CH}_3\text{COOCHCH}_2$	vinyl acetate	
$\text{CH}_3\text{COOCH}_2\text{C}_6\text{H}_5$	benzyl acetate	
$\text{CH}_3\text{COO}(\text{CH}_2)_2\text{CH}(\text{CH}_3)_2$	isoamyl acetate	
CH_3COOH	acetic acid ethanoic acid	
CH_3Cl	chloromethane methyl chloride	74-87-3
CH_3I	iodomethane methyl iodide	74-88-4
CH_3OCH_3	dimethyl ether	
CH OH		

3	methanol	
CH ₃ SCH ₃	dimethyl sulfide DMS	
CH ₃ SH	methanethiol	
(CH ₃) ₂ CHOH	isopropyl alcohol 2-propanol propan-2-ol isopropanol	
(CH ₃) ₂ CO	acetone	
(CH ₃) ₂ C ₂ O ₄	dimethyl oxalate	
(CH ₃) ₂ NNH ₂	dimethyl hydrazine	
(CH ₃) ₂ S ⁺ CH ₂ CH ₂ COO ⁻	dimethylsulfoniopropionate DMSP	
(CH ₃) ₃ CCl	<i>t</i> -butyl chloride	
(CH ₃) ₃ COH	<i>t</i> -butyl alcohol	
(CH ₃) ₃ COOC(CH ₃) ₃	di- <i>t</i> -butyl peroxide DTBP	
CH ₄	methane natural gas	74-82-8
CN ⁻	cyanide ion	
C(NH ₂) ₃ NO ₃	guanidine nitrate	
CNO ⁻	cyanate ion	
CO	carbon monoxide	630-08-0
COCl ₂	phosgene	75-44-5
CO ₂	carbon dioxide	124-38-9
CO ₃	carbon trioxide	
CO ₃ ²⁻	carbonate ion	
CS ₂	carbon disulfide	75-15-0
C ₂ F ₄	tetrafluoroethylene	116-14-3
C ₂ H ₂	acetylene	74-86-2
C ₂ H ₃ Cl	vinyl chloride	75-01-4
C ₂ H ₃ O ₂ ⁻	acetate ion	
C ₂ H ₄	ethylene	74-85-1
C ₂ H ₄ Cl ₂	ethylene dichloride	107-06-2
C ₂ H ₄ O ₂	acetic acid	64-19-7
C ₂ H ₅ Br	bromoethane	74-96-4
C ₂ H ₅ NH ₂	ethylamine	
C H NO	glycine	

2 5 2	Gly	56-40-6
$C_2H_5O^-$	ethoxide ion	
C_2H_5OH	ethanol ethyl alcohol	
$(C_2H_5)_2NH$	diethylamine	
C_2H_6	ethane	74-84-0
C_2H_6OS	dimethyl sulfoxide DMSO	67-68-5
$C_2O_4^{2-}$	oxalate ion	
$C_3H_3O_4^-$	malonate ion	
$C_3H_5N_3O_9$	nitroglycerine	
C_3H_6	cyclopropane	75-19-4
propylene	115-07-1	
$C_3H_7NO_2$	alanine Ala	56-41-7
$C_3H_7NO_2S$	cysteine Cys	52-90-4
$C_3H_7NO_3$	serine Ser	56-45-1
C_3H_8	propane	74-98-6
C_3H_8O	propanol 1-propanol	71-23-8
2-propanol	67-63-0	
$C_3N_3(OH)_3$	cyanuric acid	
C_3N_{12}	cyanuric triazide	5637-83-2
$C_4H_7BrO_2$	2-bromobutyric acid	80-58-0
4-bromobutyric acid	2623-87-2	
α -bromoisobutyric acid	2052-01-9	
ethyl bromoacetate	105-36-2	
$C_4H_7NO_4$	aspartic acid Asp	56-84-8
C_4H_8	cyclobutane	287-23-0
$C_4H_8N_2O_3$	asparagine Asn	70-47-3
C_4H_8O	tetrahydrofuran THF	109-99-9
$C_4H_9NO_3$	threonine Thr	72-19-5
C_4H_9OH	butyl alcohol	
C_4H_{10}	butane	106-97-8

2-methylpropane	75-28-5	
C ₄ H ₁₀ O	diethyl ether	60-29-7
C ₅ H ₄ NCOOH	niacin	
C ₅ H ₅ ⁻	cyclopentadienyl anion	
C ₅ H ₅ N	pyridine	110-86-1
C ₅ H ₉ NO ₂	proline Pro	147-85-3
C ₅ H ₉ NO ₄	glutamic acid Glu	56-86-0
C ₅ H ₁₀	cyclopentane	287-92-3
C ₅ H ₁₀ N ₂ O ₃	glutamine Gln	56-85-9
C ₅ H ₁₀ O ₄	deoxyribose	533-67-5
C ₅ H ₁₁ NO ₂	valine Val	660-88-8
C ₅ H ₁₁ NO ₂ S	methionine Met	25343-91-3
C ₅ H ₁₂	pentane	109-66-0
C ₆ F ₅ COOH	pentafluorobenzoic acid	
C ₆ H ₄ O ₂	orthoquinone	583-63-1
parabenzquinone quinone	106-51-4	
C ₆ H ₅ CHO	benzaldehyde	
C ₆ H ₅ CH ₂ OH	benzyl alcohol	
C ₆ H ₅ COCl	benzoyl chloride	
C ₆ H ₅ COO ⁻	benzoate ion	
C ₆ H ₅ COOH	benzoic acid	65-85-0
C ₆ H ₅ F	fluorobenzene	462-06-6
C ₆ H ₅ OH	phenol	
C ₆ H ₅ O ₇ ³⁻	citrate ion	
(C ₆ H ₅) ₄ Ge	tetraphenylgermane	
C ₆ H ₆	benzene	71-43-2
C ₆ H ₆ O ₂ (benzenediols)	catechol	120-80-9
hydroquinone	123-31-9	
resorcinol	108-46-3	
C ₆ H ₈ O ₇	citric acid	77-92-9
C H N O	histidine	71-00-1

6 9 3 2	His	
C ₆ H ₁₀ O ₃	4-acetylbutyric acid	3128-06-1
butyl glyoxylate	6295-06-3	
ethyl acetoacetate	141-97-9	
2-hydroxypropyl acrylate	25584-83-2	
pantolactone	599-04-2	
propyl pyruvate		
C ₆ H ₁₂	cyclohexane	110-82-7
C ₆ H ₁₂ O ₆	fructose	7660-25-5
glucose	50-99-7	
C ₆ H ₁₃ NO	<i>N</i> -ethylmorpholine	1119-29-5
C ₆ H ₁₃ NO ₂	isoleucine Ile	73-32-5
leucine Leu	61-90-5	
C ₆ H ₁₄	hexane	110-54-3
C ₆ H ₁₄ N ₂ O ₂	lysine Lys	56-87-1
C ₆ H ₁₄ N ₄ O ₂	arginine Arg	74-79-3
C ₇ H ₈	toluene	108-88-3
C ₇ H ₁₆	heptane	142-82-5
C ₈ H ₈	cubane	277-10-1
C ₈ H ₉ NO ₂	acetaminophen	103-90-2
C ₈ H ₁₈	octane	111-65-9
C ₉ H ₈ O ₄	acetylsalicylic acid aspirin	50-78-2
C ₉ H ₁₁ NO ₂	phenylalanine Phe	63-91-2
C ₉ H ₁₁ NO ₃	tyrosine Tyr	31330-59-3
C ₉ H ₂₀	nonane	111-84-2
C ₁₀ H ₈	naphthalene	91-20-3
C ₁₀ H ₁₄ O	mentha spicata herb oil	8008-79-5
C ₁₀ H ₁₅ ON	ephedrine	56370-30-0
C ₁₀ H ₁₆ O	camphor	76-22-2
C ₁₀ H ₂₂	decane	124-18-5
C ₁₁ H ₁₂ N ₂ O ₂	tryptophan Trp	73-22-3

$C_{11}H_{24}$	undecane	1120-21-4
$C_{12}H_{10}$	biphenyl	92-52-4
$C_{12}H_{22}O_{11}$	maltose	69-79-4
sucrose	57-50-1	
$C_{12}H_{26}$	dodecane	112-40-3
$C_{13}H_{10}O$	benzophenone	119-61-9
$C_{13}H_{12}O$	β -ionone	2484-16-4
$C_{13}H_{28}$	tridecane	629-50-5
$C_{14}H_{10}$	anthracene	120-12-7
$C_{14}H_{10}O_{14}$	benzoyl peroxide	94-36-0
$C_{14}H_{18}N_2O_5$	aspartame	81-14-1
$C_{14}H_{30}$	tetradecane	629-59-4
$C_{15}H_{32}$	pentadecane	629-62-9
$C_{16}H_{34}$	hexadecane	544-76-3
$C_{17}H_{36}$	heptadecane	629-78-7
$C_{18}H_{32}O_2$	linoleic acid	60-33-3
$C_{18}H_{36}O_2$	stearic acid	57-11-4
$C_{18}H_{38}$	octadecane	593-45-3
$C_{19}H_{40}$	nonadecane	629-92-5
$C_{20}H_{24}O_2N_2$	quinine	130-95-0
$C_{20}H_{42}$	eicosane	112-95-8
$C_{21}H_{36}N_7O_{16}P_3S$	Coenzyme A	31416-98-5
$C_{164}H_{256}Na_2O_{68}S_2$	maitotoxin	59392-53-9
Cl_2O_8	Chlorine octaoxide	
CaB_6	calcium boride	12007-99-7
$CaBr_2$	calcium bromide	7789-41-5
$Ca(CN)_2$	calcium cyanide	592-01-8
$CaCO_3$	calcium carbonate spent lime calcite limestone marble	471-34-1
CaC_2	calcium carbide	75-20-7
$Ca(CHO_2)_2$	calcium formate	544-17-2
$Ca(C_2H_3O_2)_2$	calcium acetate	62-54-4
CaC_2O_4	calcium oxalate	563-72-4

CaCN ₂	calcium cyanamide	156-62-7
CaCl ₂	calcium chloride	10043-52-4
Ca(ClO ₃) ₂	calcium chlorate	10137-74-3
Ca(ClO ₄) ₂	calcium perchlorate	13477-36-6
CaF ₂	calcium fluoride fluorite	7789-75-5
CaH ₂	calcium hydride	7789-78-8
Ca(H ₂ PO ₂) ₂	calcium hypophosphite	7789-79-9
CaI ₂	calcium iodide	10102-68-8
Ca(IO ₃) ₂	calcium iodate	7789-80-2
CaMoO ₄	calcium molybdate	7789-82-4
Ca(NO ₂) ₂	calcium nitrite	13780-06-8
Ca(NO ₃) ₂	calcium nitrate	10124-37-5
Ca(NO ₃) ₂ · 4H ₂ O	Calcium nitrate tetrahydrate	13477-34-4
Ca(NbO ₃) ₂	calcium metaniobate	
CaO	quicklime calcium oxide burnt lime	1305-78-8
Ca(ClO) ₂	calcium hypochlorite	
Ca(OH) ₂	calcium hydroxide slaked lime	1305-62-0
CaO ₂	calcium peroxide	1305-79-9
CaS	calcium sulfide hepar calcies sulfurated lime oldhamite	20548-54-3
CaSO ₄	calcium sulfate whiskers crystal	7778-18-9
CaSO ₄ · 0.5H ₂ O	plaster of paris calcium sulfate hemihydrate	10034-76-1
CaSe	calcium selenide	1305-84-6
CaSeO ₃	calcium selenite	
CaSeO ₄	calcium selenate	
CaSiO ₃	calcium metasilicate wollastonite	1344-95-2
CaTe	calcium telluride	12013-57-9
CaTeO ₃	calcium tellurite	
CaTeO ₄	calcium tellurate	
CaTiO ₃	calcium titanate	12049-50-2
Ca(VO)		

3 2	calcium metavanadate	
Ca(VO ₄) ₂	calcium orthovanadate	
CaWO ₄	calcium tungstate	7790-75-2
Ca ₃ N ₂	calcium nitride	12013-82-0
Ca ₃ P ₂	calcium phosphide	1305-99-3
CdBr ₂	cadmium bromide	7789-42-6
Cd(CN) ₂	cadmium cyanide	542-83-6
CdCO ₃	cadmium carbonate	513-78-0
Cd(C ₂ H ₃ O ₂) ₂	cadmium acetate	543-90-8
CdC ₂ O ₄	cadmium oxalate	814-88-0
CdCl ₂	cadmium chloride	10108-64-2
CdCrO ₄	cadmium chromate	14312-00-6
CdF ₂	cadmium fluoride	7790-79-6
CdI ₂	cadmium iodide	7790-80-9
Cd(IO ₃) ₂	cadmium iodate	7790-81-0
CdMoO ₄	cadmium molybdate	13972-68-4
Cd(NO ₃) ₂	cadmium nitrate	10325-94-7
Cd(N ₃) ₂	cadmium azide	14215-29-3
CdO	cadmium oxide	1306-19-0
Cd(OH) ₂	cadmium hydroxide	21041-95-2
CdS	cadmium sulfide greenockite	1306-23-6
CdSO ₃	cadmium sulfite	
CdSO ₄	cadmium sulfate	10124-36-4
CdSb	cadmium antimonide	12014-29-8
CdSe	cadmium selenide cadmoselite	1306-24-7
CdSeO ₃	cadmium selenite	
CdSiO ₃	cadmium metasilicate	13477-19-5
Cd(TaO ₃) ₂	cadmium metatantalate	
CdTe	cadmium telluride	1306-25-8
CdTeO ₄	cadmium tellurate	
CdTiO ₃	cadmium titanate	12014-14-1
CdWO ₄	cadmium tungstate	7790-85-4
CdZrO ₃	cadmium metazirconate	
Cd ₂ Nb ₂ O ₇	cadmium niobate	12187-14-3

Cd_3As_2	cadmium arsenide	12006-15-4
Cd_3P_2	cadmium phosphide	12014-28-7
$\text{Cd}_3(\text{PO}_4)_2$	cadmium phosphate	
CeB_6	cerium boride	12008-02-5
CeBr_3	cerium(III) bromide	14457-87-5
CeC	cerium carbide	12012-32-7
CeCl_3	cerium(III) chloride	7790-86-5
CeF_3	cerium(III) fluoride	7758-88-5
CeF_4	cerium(IV) fluoride	7758-88-5
CeI_2	cerium(II) iodide	19139-47-0
CeI_3	cerium(III) iodide	7790-87-6
CeN	cerium nitride	25764-08-3
CeO_2	cerium(IV) oxide cerianite	1306-38-3
CeS	cerium(II) sulfide	12014-82-3
$\text{Ce}(\text{SO}_4)_2$	cerium(IV) sulfate	
CeSi_2	cerium silicide	12014-85-6
Ce_2C_3	cerium(III) carbide	12115-63-8
Ce_2O_3	cerium(III) oxide	1345-13-7
Ce_2S_3	cerium(III) sulfide	12014-93-6
ClF	chlorine fluoride	7790-89-8
ClF_3	chlorine trifluoride	7790-91-2
ClF_5	chlorine pentafluoride	13637-63-3
ClOClO_3	chlorine perchlorate	27218-16-2
ClO_2	chlorine dioxide	10049-04-4
ClO_3F	chlorine trioxide fluoride	7616-94-6
Cl_2	chlorine	7782-50-5
Cl_2O_3	chlorine trioxide	17496-59-2
Cl_2O_6	chlorine hexoxide	12442-63-6
Cl_2O_7	chlorine heptoxide	10294-48-1
CoAl_2O_4	cobalt(II) aluminate	13820-62-7
CoAs	cobalt arsenide	27016-73-5
CoAs_2	cobalt(II) arsenide	12044-42-7
CoB	cobalt(II) boride	12006-77-8
CoBr_2	cobalt(II) bromide	7789-43-7
$\text{Co}(\text{CN})_2$	cobalt(II) cyanide	542-84-7

$\text{Co}(\text{C}_2\text{H}_3\text{O}_2)_2$	cobalt(II) acetate	71-48-7
$\text{Co}(\text{C}_2\text{H}_3\text{O}_2)_3$	cobalt(III) acetate	917-69-1
CoC_2O_4	cobalt(II) oxalate	814-89-1
$\text{Co}(\text{ClO}_4)_2$	cobalt(II) perchlorate	13455-31-7
CoCl_2	cobalt(II) chloride	7646-79-9
CoCrO_4	cobalt(II) chromate	24613-38-5
CoCr_2O_4	cobalt(II) chromite	13455-25-9
CoF_2	cobalt(II) fluoride	10026-17-2
CoF_3	cobalt(III) fluoride	10026-18-3
$\text{Co}(\text{IO}_3)_2$	cobalt(II) iodate	13455-28-2
CoI_2	cobalt(II) iodide	15238-00-3
CoMoO_4	cobalt(II) molybdate	13762-14-6
$\text{Co}(\text{NO}_3)_2$	cobalt(II) nitrate	10141-05-6
$\text{Co}(\text{NO}_3)_3$	cobalt(III) nitrate	15520-84-0
CoO	cobalt(II) oxide	1307-96-6
$\text{Co}(\text{OH})_2$	cobalt(II) hydroxide	21041-93-0
$\text{Co}(\text{OH})_3$	cobalt(III) hydroxide	1307-86-4
CoS	cobalt(II) sulfide	1317-42-6
CoS_2	cobalt disulfide	12013-10-4
CoSb	cobalt antimonide	12052-42-5
CoSe	cobalt(II) selenide	1307-99-9
CoSeO_3	cobalt(II) selenite	
CoTe	cobalt(II) telluride	12017-13-9
CoTiO_3	cobalt(II) titanate	12017-01-5
CoWO_4	cobalt(II) tungstate	12640-47-0
Co_2B	cobalt boride	12045-01-1
Co_2SO_4	cobalt(II) sulfate	10124-43-3
Co_2S_3	cobalt(III) sulfide	1332-71-4
Co_2SiO_4	cobalt(II) orthosilicate	12017-08-2
Co_2SnO_4	cobalt(II) stannate	12139-93-4
Co_2TiO_4	cobalt(II) titanite	12017-38-8
$\text{Co}_3(\text{Fe}(\text{CN})_6)_2$	cobalt(II) ferricyanide	14049-81-1
CrBr_2	chromium(II) bromide	10049-25-9
CrBr_3	chromium(III) bromide	10031-25-1
CrCl_2	chromium(II) chloride	10049-05-5

CrCl ₃	chromium(III) chloride	10025-73-7
CrCl ₄	chromium(IV) chloride	15597-88-3
CrF ₂	chromium(II) fluoride	10049-10-2
CrF ₃	chromium(III) fluoride	7788-97-8
CrF ₄	chromium(IV) fluoride	10049-11-3
CrF ₅	chromium(V) fluoride	13843-28-2
CrF ₆	chromium(VI) fluoride	13843-28-2
CrI ₂	chromium(II) iodide	13478-28-9
CrI ₃	chromium(III) iodide	13569-75-0
Cr(NO ₃) ₃	chromium(III) nitrate	13548-38-4
Cr(NO ₂) ₃	chromium(III) nitrite	
CrO ₂	chromium(IV) oxide	12018-01-8
CrO ₃	chromium(VI) oxide	1333-82-0
CrO ₄ ²⁻	chromate ion	
CrO ₂ Cl ₂	chromium(VI) oxychloride	14977-61-8
CrPO ₄	chromium(III) phosphate	7789-04-0
CrSb	chromium antimonide	12053-12-2
CrVO ₄	chromium(III) orthovanadate	
Cr ₂ O ₃	chromium(III) oxide eskolaite	1308-38-9
Cr ₂ (SO ₄) ₃	chromium(III) sulfate	10101-53-8
Cr ₂ S ₃	chromium(III) sulfide	12018-22-3
Cr ₂ Se ₃	chromium(III) selenide	
Cr ₂ (TeO ₄) ₃	chromium(III) tellurate	
Cr ₂ Te ₃	chromium(III) telluride	12053-39-3
Cr ₃ As ₂	chromium(II) arsenide	
Cr ₃ C ₂	chromium(II) carbide	12012-35-0
Cr ₃ Sb ₂	chromium(II) antimonide	
Cr ₃ Si ₂	chromium(II) silicide	
CsBO ₂	caesium borate	92141-86-1
CsBr	caesium bromide	7787-69-1
CsBrO ₃	caesium bromate	13454-75-6
CsBr ₃	caesium tribromide	
CsCN	caesium cyanide	21159-32-0
CsC ₂ H ₃ O ₂	caesium acetate	3396-11-0

CsCl	caesium chloride	7647-17-8
CsClO ₃	caesium chlorate	13763-67-2
CsClO ₄	caesium perchlorate	13454-84-7
CsF	caesium fluoride	13400-13-0
CsI	caesium iodide	7789-17-5
CsI ₃	caesium triiodide	
CsNH ₂	caesium amide	22205-57-8
CsNO ₃	caesium nitrate	7789-18-6
CsN ₃	caesium azide	22750-57-8
CsNbO ₃	caesium metaniobate	
CsOH	caesium hydroxide	21351-79-1
CsO ₂	caesium superoxide	12018-61-0
Cs ₂ S	caesium sulfide	12214-16-3
CsSCN	caesium thiocyanate	
CsSeO ₄	caesium selenate	
CsTaO ₃	caesium metatantalate	
Cs ₂ CO ₃	caesium carbonate	29703-01-3
Cs ₂ C ₂ O ₄	caesium oxalate	
Cs ₂ CrO ₄	caesium chromate	
Cs ₂ Cr ₂ O ₇	caesium dichromate	
Cs ₂ HPO ₄	caesium hydrogen orthophosphate	
Cs ₂ MoO ₄	caesium molybdate	13597-64-3
Cs ₂ O	caesium oxide	20281-00-9
Cs ₂ SO ₃	caesium sulfite	
Cs ₂ SO ₄	caesium sulfate	10294-54-9
Cs ₂ SiO ₃	caesium metasilicate	
Cs ₂ TeO ₄	caesium tellurate	
Cs ₂ TiO ₃	caesium titanate caesium metatitanate	
Cs ₂ WO ₄	caesium orthotungstate	
Cs ₃ PO ₄	caesium orthophosphate	
Cs ₃ VO ₄	caesium orthovanadate	
CuBr	copper(I) bromide	7787-70-4
Cu(BrO ₃) ₂ · 6H ₂ O	copper(II) bromate hexahydrate	
CuBr ₂	copper(II) bromide	
CuC ₂ O ₄	copper oxalate	

CuCl	copper(I) chloride	7758-89-6
Cu(ClO ₃) ₂ · 6H ₂ O	copper(II) chlorate hexahydrate	
CuCl ₂	copper(II) chloride	7447-39-4
CuFeS ₂	copper iron sulfide chalcopyrite	
CuFe ₂ O ₄	copper(II) iron(II) oxide	
CuFe ₂ S ₃	copper iron sulfide cubanite	
[Cu(H ₂ O) ₄]SO ₄ · H ₂ O	blue vitriol	
CuI	copper(I) iodide	7681-65-4
CuIO ₃	copper(I) iodate	
Cu(IO ₃) ₂	copper(II) iodate	
CuMoO ₄	copper(II) orthomolybdate	
Cu(NO ₃) ₂	copper(II) nitrate	
Cu(NO ₃) ₂ · 3H ₂ O	copper(II) nitrate trihydrate	
Cu(NO ₃) ₂ · 6H ₂ O	copper(II) nitrate hexahydrate	10294-41-4
Cu(NbO ₃) ₂	copper(II) orthoniobate	
CuO	copper(II) oxide	1317-38-0
Cu(OH) ₂	copper(II) hydroxide	
Cu(OH) ₂ CO ₃	Verdigris	
CuS	copper(II) sulfide covellite	1317-40-4
CuSCN	copper(I) thiocyanate	
CuSO ₄	copper(II) sulfate	7758-98-7
CuSO ₄ · 5H ₂ O	copper(II) sulfate pentahydrate	
CuSe	copper(II) selenide	
CuSeO ₃ · 2H ₂ O	copper(II) selenite dihydrate	
CuSeO ₄ · 5H ₂ O	copper(II) selenate pentahydrate	
CuSiO ₃	copper(II) metasilicate	
CuTe	copper(II) telluride	
CuTeO ₃	copper(II) tellurite	
CuTiO ₃	copper(II) metatitanate	
Cu(VO ₃) ₂	copper(II) metavanadate	
CuWO ₄	copper(II) orthotungstate	
Cu ₂ CO ₃ (OH) ₂	malachite	
Cu ₂ S	copper(I) sulfide chalcocite	
Cu Se		

2	copper(I) selenide	
Cu ₂ Te	copper(I) telluride	
Cu ₃ As	copper(I) arsenide	
Cu ₃ P	copper(I) phosphide	
Cu ₃ (PO ₄) ₂	copper(II) phosphate	
Cu ₃ Sb	copper(III) antimonide	
Cu ₉ S ₅	copper sulfide digenite	
Cu ₃ Zn ₂	brass	
CaB ₆	calcium boride	12007-99-7
CaBr ₂	calcium bromide	7789-41-5
Ca(CN) ₂	calcium cyanide	592-01-8
CaCO ₃	calcium carbonate spent lime calcite limestone marble	471-34-1
CaC ₂	calcium carbide	75-20-7
Ca(CHO ₂) ₂	calcium formate	544-17-2
Ca(C ₂ H ₃ O ₂) ₂	calcium acetate	62-54-4
CaC ₂ O ₄	calcium oxalate	563-72-4
CaCN ₂	calcium cyanamide	156-62-7
CaCl ₂	calcium chloride	10043-52-4
Ca(ClO ₃) ₂	calcium chlorate	10137-74-3
Ca(ClO ₄) ₂	calcium perchlorate	13477-36-6
CaF ₂	calcium fluoride fluorite	7789-75-5
CaH ₂	calcium hydride	7789-78-8
Ca(H ₂ PO ₂) ₂	calcium hypophosphite	7789-79-9
CaI ₂	calcium iodide	10102-68-8
Ca(IO ₃) ₂	calcium iodate	7789-80-2
CaMoO ₄	calcium molybdate	7789-82-4
Ca(NO ₂) ₂	calcium nitrite	13780-06-8
Ca(NO ₃) ₂	calcium nitrate	10124-37-5
Ca(NO ₃) ₂ · 4H ₂ O	Calcium nitrate tetrahydrate	13477-34-4
Ca(NbO ₃) ₂	calcium metaniobate	
CaO	quicklime calcium oxide	1305-78-8

	burnt lime	
Ca(ClO) ₂	calcium hypochlorite	
Ca(OH) ₂	calcium hydroxide slaked lime	1305-62-0
CaO ₂	calcium peroxide	1305-79-9
CaS	calcium sulfide hepar calcies sulfurated lime oldhamite	20548-54-3
CaSO ₄	calcium sulfate whiskers crystal	7778-18-9
CaSO ₄ · 0.5H ₂ O	plaster of paris calcium sulfate hemihydrate	10034-76-1
CaSe	calcium selenide	1305-84-6
CaSeO ₃	calcium selenite	
CaSeO ₄	calcium selenate	
CaSiO ₃	calcium metasilicate wollastonite	1344-95-2
CaTe	calcium telluride	12013-57-9
CaTeO ₃	calcium tellurite	
CaTeO ₄	calcium tellurate	
CaTiO ₃	calcium titanate	12049-50-2
Ca(VO ₃) ₂	calcium metavanadate	
Ca(VO ₄) ₂	calcium orthovanadate	
CaWO ₄	calcium tungstate	7790-75-2
Ca ₃ N ₂	calcium nitride	12013-82-0
Ca ₃ P ₂	calcium phosphide	1305-99-3
CdBr ₂	cadmium bromide	7789-42-6
Cd(CN) ₂	cadmium cyanide	542-83-6
CdCO ₃	cadmium carbonate	513-78-0
Cd(C ₂ H ₃ O ₂) ₂	cadmium acetate	543-90-8
CdC ₂ O ₄	cadmium oxalate	814-88-0
CdCl ₂	cadmium chloride	10108-64-2
CdCrO ₄	cadmium chromate	14312-00-6
CdF ₂	cadmium fluoride	7790-79-6
CdI ₂	cadmium iodide	7790-80-9
Cd(IO ₃) ₂	cadmium iodate	7790-81-0
CdMoO ₄	cadmium molybdate	13972-68-4

$\text{Cd}(\text{NO}_3)_2$	cadmium nitrate	10325-94-7
$\text{Cd}(\text{N}_3)_2$	cadmium azide	14215-29-3
CdO	cadmium oxide	1306-19-0
$\text{Cd}(\text{OH})_2$	cadmium hydroxide	21041-95-2
CdS	cadmium sulfide greenockite	1306-23-6
CdSO_3	cadmium sulfite	
CdSO_4	cadmium sulfate	10124-36-4
CdSb	cadmium antimonide	12014-29-8
CdSe	cadmium selenide cadmoselite	1306-24-7
CdSeO_3	cadmium selenite	
CdSiO_3	cadmium metasilicate	13477-19-5
$\text{Cd}(\text{TaO}_3)_2$	cadmium metatantalate	
CdTe	cadmium telluride	1306-25-8
CdTeO_4	cadmium tellurate	
CdTiO_3	cadmium titanate	12014-14-1
CdWO_4	cadmium tungstate	7790-85-4
CdZrO_3	cadmium metazirconate	
$\text{Cd}_2\text{Nb}_2\text{O}_7$	cadmium niobate	12187-14-3
Cd_3As_2	cadmium arsenide	12006-15-4
Cd_3P_2	cadmium phosphide	12014-28-7
$\text{Cd}_3(\text{PO}_4)_2$	cadmium phosphate	
CeB_6	cerium boride	12008-02-5
CeBr_3	cerium(III) bromide	14457-87-5
CeC	cerium carbide	12012-32-7
CeCl_3	cerium(III) chloride	7790-86-5
CeF_3	cerium(III) fluoride	7758-88-5
CeF_4	cerium(IV) fluoride	7758-88-5
CeI_2	cerium(II) iodide	19139-47-0
CeI_3	cerium(III) iodide	7790-87-6
CeN	cerium nitride	25764-08-3
CeO_2	cerium(IV) oxide cerianite	1306-38-3
CeS	cerium(II) sulfide	12014-82-3
$\text{Ce}(\text{SO}_4)_2$	cerium(IV) sulfate	
CeSi_2	cerium silicide	12014-85-6

Ce_2C_3	cerium(III) carbide	12115-63-8
Ce_2O_3	cerium(III) oxide	1345-13-7
Ce_2S_3	cerium(III) sulfide	12014-93-6
ClF	chlorine fluoride	7790-89-8
ClF_3	chlorine trifluoride	7790-91-2
ClF_5	chlorine pentafluoride	13637-63-3
ClOClO_3	chlorine perchlorate	27218-16-2
ClO_2	chlorine dioxide	10049-04-4
ClO_3F	chlorine trioxide fluoride	7616-94-6
Cl_2	chlorine	7782-50-5
Cl_2O_3	chlorine trioxide	17496-59-2
Cl_2O_6	chlorine hexoxide	12442-63-6
Cl_2O_7	chlorine heptoxide	10294-48-1
CoAl_2O_4	cobalt(II) aluminate	13820-62-7
CoAs	cobalt arsenide	27016-73-5
CoAs_2	cobalt(II) arsenide	12044-42-7
CoB	cobalt(II) boride	12006-77-8
CoBr_2	cobalt(II) bromide	7789-43-7
$\text{Co}(\text{CN})_2$	cobalt(II) cyanide	542-84-7
$\text{Co}(\text{C}_2\text{H}_3\text{O}_2)_2$	cobalt(II) acetate	71-48-7
$\text{Co}(\text{C}_2\text{H}_3\text{O}_2)_3$	cobalt(III) acetate	917-69-1
CoC_2O_4	cobalt(II) oxalate	814-89-1
$\text{Co}(\text{ClO}_4)_2$	cobalt(II) perchlorate	13455-31-7
CoCl_2	cobalt(II) chloride	7646-79-9
CoCrO_4	cobalt(II) chromate	24613-38-5
CoCr_2O_4	cobalt(II) chromite	13455-25-9
CoF_2	cobalt(II) fluoride	10026-17-2
CoF_3	cobalt(III) fluoride	10026-18-3
$\text{Co}(\text{IO}_3)_2$	cobalt(II) iodate	13455-28-2
CoI_2	cobalt(II) iodide	15238-00-3
CoMoO_4	cobalt(II) molybdate	13762-14-6
$\text{Co}(\text{NO}_3)_2$	cobalt(II) nitrate	10141-05-6
$\text{Co}(\text{NO}_3)_3$	cobalt(III) nitrate	15520-84-0
CoO	cobalt(II) oxide	1307-96-6
$\text{Co}(\text{OH})_2$	cobalt(II) hydroxide	21041-93-0

Co(OH) ₃	cobalt(III) hydroxide	1307-86-4
CoS	cobalt(II) sulfide	1317-42-6
CoS ₂	cobalt disulfide	12013-10-4
CoSb	cobalt antimonide	12052-42-5
CoSe	cobalt(II) selenide	1307-99-9
CoSeO ₃	cobalt(II) selenite	
CoTe	cobalt(II) telluride	12017-13-9
CoTiO ₃	cobalt(II) titanate	12017-01-5
CoWO ₄	cobalt(II) tungstate	12640-47-0
Co ₂ B	cobalt boride	12045-01-1
Co ₂ SO ₄	cobalt(II) sulfate	10124-43-3
Co ₂ S ₃	cobalt(III) sulfide	1332-71-4
Co ₂ SiO ₄	cobalt(II) orthosilicate	12017-08-2
Co ₂ SnO ₄	cobalt(II) stannate	12139-93-4
Co ₂ TiO ₄	cobalt(II) titanite	12017-38-8
Co ₃ (Fe(CN) ₆) ₂	cobalt(II) ferricyanide	14049-81-1
CrBr ₂	chromium(II) bromide	10049-25-9
CrBr ₃	chromium(III) bromide	10031-25-1
CrCl ₂	chromium(II) chloride	10049-05-5
CrCl ₃	chromium(III) chloride	10025-73-7
CrCl ₄	chromium(IV) chloride	15597-88-3
CrF ₂	chromium(II) fluoride	10049-10-2
CrF ₃	chromium(III) fluoride	7788-97-8
CrF ₄	chromium(IV) fluoride	10049-11-3
CrF ₅	chromium(V) fluoride	13843-28-2
CrF ₆	chromium(VI) fluoride	13843-28-2
CrI ₂	chromium(II) iodide	13478-28-9
CrI ₃	chromium(III) iodide	13569-75-0
Cr(NO ₃) ₃	chromium(III) nitrate	13548-38-4
Cr(NO ₂) ₃	chromium(III) nitrite	
CrO ₂	chromium(IV) oxide	12018-01-8
CrO ₃	chromium(VI) oxide	1333-82-0
CrO ₄ ²⁻	chromate ion	
CrO ₂ Cl ₂	chromium(VI) oxychloride	14977-61-8
CrPO ₄	chromium(III) phosphate	7789-04-0

CrSb	chromium antimonide	12053-12-2
CrVO ₄	chromium(III) orthovanadate	
Cr ₂ O ₃	chromium(III) oxide eskolaite	1308-38-9
Cr ₂ (SO ₄) ₃	chromium(III) sulfate	10101-53-8
Cr ₂ S ₃	chromium(III) sulfide	12018-22-3
Cr ₂ Se ₃	chromium(III) selenide	
Cr ₂ (TeO ₄) ₃	chromium(III) tellurate	
Cr ₂ Te ₃	chromium(III) telluride	12053-39-3
Cr ₃ As ₂	chromium(II) arsenide	
Cr ₃ C ₂	chromium(II) carbide	12012-35-0
Cr ₃ Sb ₂	chromium(II) antimonide	
Cr ₃ Si ₂	chromium(II) silicide	
CsBO ₂	caesium borate	92141-86-1
CsBr	caesium bromide	7787-69-1
CsBrO ₃	caesium bromate	13454-75-6
CsBr ₃	caesium tribromide	
CsCN	caesium cyanide	21159-32-0
CsC ₂ H ₃ O ₂	caesium acetate	3396-11-0
CsCl	caesium chloride	7647-17-8
CsClO ₃	caesium chlorate	13763-67-2
CsClO ₄	caesium perchlorate	13454-84-7
CsF	caesium fluoride	13400-13-0
CsI	caesium iodide	7789-17-5
CsI ₃	caesium triiodide	
CsNH ₂	caesium amide	22205-57-8
CsNO ₃	caesium nitrate	7789-18-6
CsN ₃	caesium azide	22750-57-8
CsNbO ₃	caesium metaniobate	
CsOH	caesium hydroxide	21351-79-1
CsO ₂	caesium superoxide	12018-61-0
Cs ₂ S	caesium sulfide	12214-16-3
CsSCN	caesium thiocyanate	
CsSeO ₄	caesium selenate	
CsTaO ₃	caesium metatantalate	
Cs ₂ CO ₃	caesium carbonate	29703-01-3

$\text{Cs}_2\text{C}_2\text{O}_4$	caesium oxalate	
Cs_2CrO_4	caesium chromate	
$\text{Cs}_2\text{Cr}_2\text{O}_7$	caesium dichromate	
Cs_2HPO_4	caesium hydrogen orthophosphate	
Cs_2MoO_4	caesium molybdate	13597-64-3
Cs_2O	caesium oxide	20281-00-9
Cs_2SO_3	caesium sulfite	
Cs_2SO_4	caesium sulfate	10294-54-9
Cs_2SiO_3	caesium metasilicate	
Cs_2TeO_4	caesium tellurate	
Cs_2TiO_3	caesium titanate caesium metatitanate	
Cs_2WO_4	caesium orthotungstate	
Cs_3PO_4	caesium orthophosphate	
Cs_3VO_4	caesium orthovanadate	
CuBr	copper(I) bromide	7787-70-4
$\text{Cu}(\text{BrO}_3)_2 \cdot 6\text{H}_2\text{O}$	copper(II) bromate hexahydrate	
CuBr_2	copper(II) bromide	
CuC_2O_4	copper oxalate	
CuCl	copper(I) chloride	7758-89-6
$\text{Cu}(\text{ClO}_3)_2 \cdot 6\text{H}_2\text{O}$	copper(II) chlorate hexahydrate	
CuCl_2	copper(II) chloride	7447-39-4
CuFeS_2	copper iron sulfide chalcopyrite	
CuFe_2O_4	copper(II) iron(II) oxide	
CuFe_2S_3	copper iron sulfide cubanite	
$[\text{Cu}(\text{H}_2\text{O})_4]\text{SO}_4 \cdot \text{H}_2\text{O}$	blue vitriol	
CuI	copper(I) iodide	7681-65-4
CuIO_3	copper(I) iodate	
$\text{Cu}(\text{IO}_3)_2$	copper(II) iodate	
CuMoO_4	copper(II) orthomolybdate	
$\text{Cu}(\text{NO}_3)_2$	copper(II) nitrate	
$\text{Cu}(\text{NO}_3)_2 \cdot 3\text{H}_2\text{O}$	copper(II) nitrate trihydrate	
$\text{Cu}(\text{NO}_3)_2 \cdot 6\text{H}_2\text{O}$	copper(II) nitrate hexahydrate	10294-41-4
$\text{Cu}(\text{NbO}_3)_2$	copper(II) orthoniobate	
CuO	copper(II) oxide	1317-38-0

Cu(OH)_2	copper(II) hydroxide	
$\text{Cu(OH)}_2\text{CO}_3$	Verdigris	
CuS	copper(II) sulfide covellite	1317-40-4
CuSCN	copper(I) thiocyanate	
CuSO_4	copper(II) sulfate	7758-98-7
$\text{CuSO}_4 \cdot 5\text{H}_2\text{O}$	copper(II) sulfate pentahydrate	
CuSe	copper(II) selenide	
$\text{CuSeO}_3 \cdot 2\text{H}_2\text{O}$	copper(II) selenite dihydrate	
$\text{CuSeO}_4 \cdot 5\text{H}_2\text{O}$	copper(II) selenate pentahydrate	
CuSiO_3	copper(II) metasilicate	
CuTe	copper(II) telluride	
CuTeO_3	copper(II) tellurite	
CuTiO_3	copper(II) metatitanate	
$\text{Cu(VO}_3)_2$	copper(II) metavanadate	
CuWO_4	copper(II) orthotungstate	
$\text{Cu}_2\text{CO}_3(\text{OH})_2$	malachite	
Cu_2S	copper(I) sulfide chalcocite	
Cu_2Se	copper(I) selenide	
Cu_2Te	copper(I) telluride	
Cu_3As	copper(I) arsenide	
Cu_3P	copper(I) phosphide	
$\text{Cu}_3(\text{PO}_4)_2$	copper(II) phosphate	
Cu_3Sb	copper(III) antimonide	
Cu_9S_5	copper sulfide digenite	
Cu_3Zn_2	brass	
ErF	erbium monofluoride	16087-67-5
ErF_2	erbium difluoride	16087-65-3
ErF_3	erbium trifluoride	13760-83-3
ErI_3	erbium triiodide	13813-42-8
ErI_4Na	erbium sodium tetraiodide	129863-13-4
ErO	erbium monoxide	12280-61-4
EuF	europium monofluoride	17209-60-8
EuF_3	europium trifluoride	13765-25-8
EuI_2	europium diiodide	22015-35-6

EuNbO ₂	europium niobium dioxide	107069-78-3
EuNb ₂ O ₆	europium diniobium hexaoxide	55216-32-5
EuO	europium monoxide	12020-60-9
EuO ₂ V	monoeuropium monovanadium dioxide	88762-30-5
EuO ₃ Ti	europium titanium trioxide	12020-61-0
EuO ₃ V	europium metavanadate	39432-21-8
EuO ₄ W	europium tungsten tetraoxide	13537-12-7
EuS	europium monosulfide	12020-65-4
EuS ₂	europium disulfide	55957-42-1
Eu ₂ O	dieuropium monoxide	62462-47-9
Eu ₂ O ₂	dieuropium dioxide	62462-48-0
Eu ₂ S	dieuropium monosulfide	62462-49-1
Eu ₂ S ₂	dieuropium disulfide	62462-51-5
F ₂ Fe	iron fluoride	41428-55-1
FGa	gallium monofluoride	13966-78-4
FGaO	gallium monofluoride monoxide	15586-66-0
FGd	gadolinium monofluoride	12259-18-6
FGe	germanium monofluoride	14929-46-5
FHo	holmium monofluoride	16087-66-4
FI	iodine monofluoride	13873-84-2
FI ₂	monofluorodiiodine	58751-33-0
FIn	indium monofluoride	13966-95-5
FLa	lanthanum monofluoride	13943-44-7
FLi	lithium fluoride	7789-24-4
FLiO	lithium hypofluorite	34240-84-1
FLi ₂	dilithium monofluoride	50644-69-4
FMg	magnesium monofluoride	14953-28-7
FMn	monomanganese monofluoride	13569-25-0
FMnO ₃	manganese fluoride trioxide	15586-97-7
FMo	molybdenum monofluoride	60388-18-3
FN	fluoroimidogen	13967-06-1
FNO	nitrosyl fluoride	7789-25-5
FNO ₂	nitryl fluoride	10022-50-1
FNO ₃	fluorine nitrate	7789-26-6
FNS	thiazyl fluoride	18820-63-8
FNa	sodium fluoride	7681-49-4
FNa ₂	disodium monofluoride	87331-13-3

FNd	neodymium monofluoride	13940-77-7
FO	oxygen monofluoride	12061-70-0
FOTh	thorium monofluoride monoxide	19797-90-1
FOTi	titanium fluoride oxide	17497-75-5
FO ₂	dioxygen monofluoride	15499-23-7
FO ₃ S	fluorosulfate radical	21549-02-0
FP	phosphorus monofluoride	16027-92-2
FPS	phosphenothious fluoride	55753-39-4
FPS ₂	phosphenodithioic fluoride	137649-46-8
FPb	lead monofluoride	14986-72-2
FPu	plutonium monofluoride	20882-16-0
FRb	rubidium fluoride	13446-74-7
FS	monosulfur monofluoride	16068-96-5
FSc	scandium monofluoride	14017-33-5
FSm	samarium monofluoride	17209-59-5
FSn	tin monofluoride	13966-74-0
FSr	strontium monofluoride	13569-27-2
FTh	thorium monofluoride	51686-34-1
FTi	titanium fluoride	18025-22-4
FTl	thallium monofluoride	7789-27-7
FW	tungsten monofluoride	51621-16-0
FXe	xenon monofluoride	16757-14-5
FY	yttrium monofluoride	13981-88-9
FZr	zirconium fluoride	13569-28-3
F ₂	fluorine	7782-41-4
F ₂ Fe	ferrous fluoride	7789-28-8
F ₂ Ga	gallium difluoride	51777-79-8
F ₂ Gd	gadolinium difluoride	12259-19-7
F ₂ Ge	germanium difluoride	13940-63-1
F ₂ GeO	difluorogermanone	72190-38-6
F ₂ Hg	mercury fluoride	7783-39-3
F ₂ Hg ₂	mercury fluoride	13967-25-4
F ₂ Ho	holmium difluoride	16087-64-2
F ₂ IP	difluoroiodophosphine	13819-11-9
F ₂ K ₂	dipotassium difluoride	12285-62-0
F ₂ Kr	krypton difluoride	13773-81-4
F ₂ La	lanthanum difluoride	15948-68-2
F ₂ Li ₂	lithium fluoride	12265-82-6

F ₂ Mg	magnesium fluoride	7783-40-6
F ₂ Mn	manganese difluoride	7782-64-1
F ₂ Mo	molybdenum difluoride	20205-60-1
F ₂ MoO ₂	molybdenum difluoride dioxide	13824-57-2
F ₂ N	difluoroamino radical	3744-07-8
F ₂ N ₂ O	nitrosodifluoroamine	14984-78-2
F ₂ Na ₂	disodium difluoride	12285-64-2
F ₂ Nd	neodymium difluoride	13940-76-6
F ₂ Ni	nickel difluoride	10028-18-9
F ₂ O	oxygen difluoride	7783-41-7
F ₂ OS	thionyl fluoride	7783-42-8
F ₂ OSi	difluorooxosilane	14041-22-6
F ₂ OTi	titanium fluoride oxide	13537-16-1
F ₂ O ₂	perfluoroperoxide	7783-44-0
F ₂ O ₂ S	sulfuryl fluoride	2699-79-8
F ₂ O ₂ W	tungsten difluoride dioxide	14118-73-1
F ₂ O ₅ S ₃	peroxydisulfuryl difluoride	
F ₂ P	phosphorus difluoride	13873-52-4
F ₂ Pb	lead difluoride	7783-46-2
F ₂ Pt	platinum difluoride	18820-56-9
F ₂ Pu	plutonium difluoride	20882-15-9
F ₂ S	sulfur difluoride	13814-25-0
F ₂ SW	tungsten difluoride monosulfide	41831-78-1
F ₂ S ₂	difluorodisulfane	13709-35-8
F ₂ S ₂	thiothionyl fluoride	16860-99-4
F ₂ S ₂	thiothionyl fluoride	101947-30-2
F ₂ S ₂ W	tungsten difluoride disulfide	41831-81-6
F ₂ Sc	scandium difluoride	14017-34-6
F ₂ Se	selenium difluoride	70421-43-1
F ₂ Si	difluorosilylene	13966-66-0
F ₂ Sn	tin difluoride	7783-47-3
F ₂ Sr	strontium fluoride	7783-48-4
F ₂ Th	thorium difluoride	28844-11-3
F ₂ Ti	titanium difluoride	13814-20-5

F ₂ Tl ₂	dithallium difluoride	31970-97-5
F ₂ W	tungsten difluoride	33963-15-4
F ₂ Xe	xenon difluoride	13709-36-9
F ₂ Y	yttrium difluoride	13981-89-0
F ₂ Zn	zinc difluoride	7783-49-5
F ₂ Zr	zirconium fluoride	13842-94-9
F ₃ Fe	iron trifluoride	7783-50-8
F ₃ Ga	gallium trifluoride	7783-51-9
F ₃ Gd	gadolinium trifluoride	13765-26-9
F ₃ Ho	holmium trifluoride	13760-78-6
F ₃ La	lanthanum trifluoride	13709-38-1
F ₃ Li ₃	trilithium trifluoride	110682-19-4
F ₃ Lu	lutetium trifluoride	13760-81-1
F ₃ Mn	manganese trifluoride	7783-53-1
F ₃ Mo	molybdenum trifluoride	20193-58-2
F ₃ MoO	molybdenum trifluoride oxide	22529-29-9
F ₃ MoS	molybdenum trifluoride sulfide	67374-76-9
F ₃ N	nitrogen trifluoride	7783-54-2
F ₃ NO	nitrogen trifluoride oxide	13847-65-9
F ₃ NO ₂ S	difluoroaminosulfonyl fluoride	13709-30-3
F ₃ NO ₃ S	difluoraminoxysulfonyl fluoride	6816-12-2
F ₃ NS	thiazyl trifluoride	15930-75-3
F ₃ NaSn	sodium trifluorostannate	13782-22-4
F ₃ Nd	neodymium trifluoride	13709-42-7
F ₃ OP	phosphoryl fluoride	13478-20-1
F ₃ OTa	tantalum monoxide trifluoride	20263-47-2
F ₃ OV	vanadium trifluoride oxide	13709-31-4
F ₃ P	phosphorus trifluoride	7783-55-3
F ₃ PS	thiophosphoryl fluoride	2404-52-6
F ₃ Pr	praseodymium trifluoride	13709-46-1
F ₃ Pu	plutonium trifluoride	13842-83-6
F ₃ Rh	rhodium fluoride	60804-25-3
F ₃ S	sulfur trifluoride	30937-38-3
F ₃ SW	tungsten trifluoride monosulfide	41831-79-2
F ₃ Sb	antimony trifluoride	7783-56-4

F ₃ Sc	scandium fluoride	13709-47-2
F ₃ Si	trifluorosilyl radical	14835-14-4
F ₃ Sm	samarium trifluoride	13765-24-7
F ₃ Tb	terbium trifluoride	13708-63-9
F ₃ Th	thorium trifluoride	13842-84-7
F ₃ Ti	titanium trifluoride	13470-08-1
F ₃ Tl	thallium trifluoride	7783-57-5
F ₃ Tm	thulium trifluoride	13760-79-7
F ₃ W	tungsten trifluoride	51621-17-1
F ₃ Y	yttrium trifluoride	13709-49-4
F ₃ Yb	ytterbium trifluoride	13760-80-0
F ₃ Zr	zirconium trifluoride	13814-22-7
F ₄ Ge	germanium tetrafluoride	7783-58-6
F ₄ Ge ₂	digermanium tetrafluoride	12332-08-0
F ₄ Hf	hafnium fluoride	13709-52-9
F ₄ Mg ₂	dimagnesium tetrafluoride	56450-89-6
F ₄ Mg ₂	magnesium fluoride	58790-41-3
F ₄ Mo	molybdenum tetrafluoride	23412-45-5
F ₄ MoO	molybdenum tetrafluoride oxide	14459-59-7
F ₄ MoS	molybdenum tetrafluoride monosulfide	70487-60-4
F ₄ N ₂	tetrafluorohydrazine	10036-47-2
F ₄ Na ₂ Sn	disodium tetrafluorostannate	15007-55-3
F ₄ OOs	osmium oxide tetrafluoride	38448-58-7
F ₄ OP ₂	diphosphorus tetrafluoride oxide	13812-07-2
F ₄ ORe	rhenium tetrafluoride oxide	17026-29-8
F ₄ OS	sulfur tetrafluoride oxide	13709-54-1
F ₄ OW	tungsten tetrafluoride oxide	13520-79-1
F ₄ OXe	xenon tetrafluoride oxide	13774-85-1
F ₄ P ₂	diphosphorus tetrafluoride	13824-74-3
F ₄ Pb	lead tetrafluoride	7783-59-7
F ₄ Pt	platinum tetrafluoride	13455-15-7
F ₄ Pu	plutonium tetrafluoride	13709-56-3
F ₄ S	sulfur tetrafluoride	7783-60-0
F ₄ SW	tungsten tetrafluoride monosulfide	41831-80-5

F ₄ Se	selenium tetrafluoride	13465-66-2
F ₄ Si	silicon tetrafluoride	7783-61-1
F ₄ Sn ₂	ditin tetrafluoride	130950-28-6
F ₄ Ti	titanium fluoride	7783-63-3
F ₄ U	uranium tetrafluoride	10049-14-6
F ₄ W	tungsten tetrafluoride	13766-47-7
F ₄ Xe	xenon tetrafluoride	13709-61-0
F ₄ Zr	zirconium tetrafluoride	7783-64-4
F ₅ I	iodine pentafluoride	7783-66-6
F ₅ Mo	molybdenum pentafluoride	13819-84-6
F ₅ ORe	rhenium monoxide pentafluoride	23377-53-9
F ₅ P	phosphorus pentafluoride	7647-19-0
F ₅ Pu	plutonium pentafluoride	31479-19-3
F ₅ S	disulfur decafluoride	10546-01-7
F ₅ Sb	antimony pentafluoride	7783-70-2
F ₅ Ta	tantalum pentafluoride	7783-71-3
F ₅ U	uranium pentafluoride	13775-07-0
F ₅ W	tungsten pentafluoride	19357-83-6
F ₆ Fe ₂	diiron hexafluoride	17114-45-3
F ₆ La ₂	lanthanum trifluoride dimer	12592-31-3
F ₆ Mo	molybdenum hexafluoride	7783-77-9
F ₆ NP ₃	nitridotriphosphorous hexafluoride	56564-56-8
F ₆ Os	osmium hexafluoride	13768-38-2
F ₆ Pu	plutonium hexafluoride	13693-06-6
F ₆ Re	rhenium hexafluoride	10049-17-9
F ₆ S	sulfur hexafluoride	2551-62-4
F ₆ Se	selenium hexafluoride	7783-79-1
F ₆ Si ₂	hexafluorodisilane	13830-68-7
F ₆ Sn ₃	trititan hexafluoride	12324-60-6
F ₆ Te	tellurium hexafluoride	7783-80-4
F ₆ U	uranium hexafluoride	7783-81-5
F ₆ W	tungsten hexafluoride	7783-82-6
F ₆ Xe	xenon hexafluoride	13693-09-9
F ₇ I	iodine fluoride	16921-96-3
F ₇ NS	pentafluorosulfanyldifluoroamine	13693-10-2

F_7Re	rhenium heptafluoride	17029-21-9
F_8Si_3	octafluorotrisilane	14521-14-3
$F_{10}Mo_2$	molybdenum fluoride	65653-18-1
$F_{10}S_2$	sulfur fluoride	5714-22-7
$F_{15}Mo_3$	molybdenum fluoride	65653-05-6
$FeAsS$	iron arsenic sulfide arsenopyrite	
$FeBr_2$	iron(II) bromide	7789-46-0
$FeBr_3$	iron(III) bromide	
$FeBr_3 \cdot 6H_2O$	iron(III) bromide hexahydrate	
$FeCO_3$	siderite	
FeC_2O_4	iron oxalate	
FeC_5O_5	iron pentacarbonyl pentacarbonyl iron	13463-40-6
$FeC_{10}H_{10}$	ferrocene	
$FeCl_2$	iron(II) chloride	
$FeCl_3$	iron(III) chloride	7705-08-0
$FeCr_2O_4$	chromite (ore)	
$FeF_2 \cdot 4H_2O$	iron(II) fluoride tetrahydrate	
FeI	iron monoiodide	33019-21-5
FeI_2	iron diiodide iron(II) iodide	7783-86-0
$FeI_2 \cdot 4H_2O$	iron(II) iodide tetrahydrate	
FeI_3	iron(III) iodide	
$FeMoO_4$	iron(II) orthomolybdate	
FeO	iron monoxide iron(II) oxide wüstite	1345-25-1
FeO_2	iron dioxide	12411-15-3
FeO_2H	goethite	
$FeO_2H \cdot nH_2O$	limonite	
$Fe(OH)_2$	iron(II) hydroxide	
$Fe(OH)_3$	iron(III) hydroxide	
FeO_4S	ferrous sulfate	7720-78-7
$FeO_8H_4P_2$	iron(II) dihydrogen phosphate	
FeP	iron(III) phosphide	
FeS	iron sulfide	1317-96-0

	iron(II) sulfide	
FeS ₂	pyrite fool's gold	1309-36-0
iron(IV) sulfide marcasite	12068-85-8	
FeSe	iron(II) selenide	
FeTe	iron(II) telluride	
FeTiO ₃	iron(II) metatitanate	
FeVO ₄	iron(III) orthovanadate	
FeWO ₄	iron(II) orthotungstate	
FeZrO ₃	iron(II) metazirconate	
Fe ₂ I ₂	diiron diiodide	92785-64-3
Fe ₂ I ₄	diiron tetraiodide	92785-63-2
Fe ₂ O ₃	iron oxide iron(III) oxide hematite	1317-60-8
Fe ₂ O ₃	venetian red	8011-97-0
Fe ₂ O ₁₂ S ₃	ferric sulfate iron(III) sulfate	10028-22-5
Fe ₂ O ₁₂ W ₃	iron(III) orthotungstate	
Fe ₂ P	diiron phosphide	
Fe ₂ SiO ₄	fayalite	
Fe ₃ H ₂ Na ₂ O ₄₅ Si	chrysotile white asbestos	12001-28-4
Fe ₃ O ₄	magnetite triiron(II, III) tetraoxide	1309-38-2
Fe ₃ P	iron(tri) phosphide	
Fe ₇ Si ₈ O ₂₄ H ₂	amosite brown asbestos grunerite	12172-73-5
GaAs	gallium(III) arsenide	
GaAsO ₄	gallium(III) orthoarsenate	
GaBr ₃	gallium(III) bromide	13450-88-9
Ga(C ₂ H ₃ O ₂) ₃	gallium(III) acetate	
GaCl ₂	gallium(II) chloride	128579-09-9
GaCl ₃	gallium trichloride	13450-90-3
GaI ₂	gallium(II) iodide	
GaI ₃	gallium(III) iodide	13450-91-4
GaN	gallium(III) nitride	
Ga(OH)	gallium(III) hydroxide	

3		
GaPO ₄	gallium(III) orthophosphate	
GaSb	gallium(III) antimonide	12064-03-8
GaTe	gallium(II) telluride	12024-14-5
Ga ₂ O ₃	gallium(III) oxide	12024-21-4
Ga ₂ (SO ₄) ₃ ·18H ₂ O	gallium(III) sulfate octadecahydrate	
Ga ₂ S ₃	gallium(III) sulfide	
Ga ₂ Te ₃	gallium(III) telluride	
GeBr ₄	germanium(IV) bromide	13450-92-5
GeH ₃ COOH	2-germaacetic acid	
GeI ₂	germanium(II) iodide	13573-08-5
GeI ₄	germanium(IV) iodide	13450-95-8
GeO	germanium(II) oxide	20619-16-3
HAt	hydrogen astatide	
HBr	hydrogen bromide hydrobromic acid	10035-10-6
HCCH	acetylene ethyne	
HCN	hydrocyanic acid hydrogen cyanide	6914-07-4
HCONH ₂	formamide methanamide	
HCOO ⁻	formate ion	
HCOOH	formic acid methanoic acid	
HCOONH ₄	ammonium formate	
HCO ₃ ⁻	hydrogen carbonate ion	
HC ₃ H ₅ O ₃	lactic acid	
HC ₅ H ₅ N ⁺	pyridinium ion	
HC ₆ H ₇ O ₆	ascorbic acid	
HC ₉ H ₇ O ₄	acetylsalicylic acid	
HC ₁₂ H ₁₇ ON ₄ SCl ₂	thiamine hydrochloride vitamin B ₁ hydrochloride	
HCl	hydrochloric acid hydrogen chloride	7647-01-0
HClO	hypochlorous acid	7790-92-3
HClO ₂	chlorous acid	13898-47-0
HClO ₃	chloric acid	7790-93-4
HClO ₄	perchloric acid	7601-90-3

HDO	semiheavy water water-d1	14940-63-7
HF	hydrofluoric acid	7664-39-3
HI	hydroiodic acid	10034-85-2
HIO ₃	iodic acid	
HNO ₂	nitrous acid	7782-77-6
HNO ₃	nitric acid hydrogen nitrate	7697-37-2
HN ₃	hydrazoic acid	7782-79-8
HOCl	hypochlorous acid	7790-92-3
HOFl	hypofluorous acid	14034-79-8
HOCCOOH	oxalic acid	
HPO ₄ ²⁻	hydrogen phosphate ion	
HSO ₃ ⁻	hydrogen sulfite ion	
HSO ₄ ⁻	hydrogen sulfate	
HTO	partially tritiated water water-t	13670-17-2
H ₂	hydrogen	1333-74-0
H ₂ C(CH)CN	acrylonitrile	
H ₂ CO	formaldehyde	19710-56-6
H ₂ CO ₃	carbonic acid	107-32-4
H ₂ CSO	sulfine	40100-16-1
H ₂ C ₂ O ₄	oxalic acid	144-62-7
H ₂ C ₄ H ₄ O ₆	tartaric acid	
H ₂ C ₈ H ₄ O ₄	phthalic acid H ₂ Ph	
H ₂ CrO ₄	chromic acid	
H ₂ NCH ₂ COOH	glycine	
H ₂ NNH ₂	hydrazine	
H ₂ O	water	7732-18-5
H ₂ O ₂	hydrogen peroxide	7722-84-1
H ₂ PO ₄ ⁻	dihydrogen phosphate ion	
H ₂ S	hydrogen sulfide hydrosulfuric acid	7783-06-4
H ₂ SO ₃	sulfurous acid	
H ₂ SO ₄	sulfuric acid hydrogen sulfate	7664-93-9

$\text{H}_2\text{S}_2\text{O}_7$	disulfuric acid	
$\text{H}_2\text{S}_2\text{O}_8$	peroxydisulfuric acid	
H_2SeO_3	selenous acid	
H_2SeO_4	selenic acid	
H_2SiO_3	silicic acid	7699-41-4
H_2TeO_3	tellurous acid	
H_2TiO_3	titanic acid	
H_3AsO_4	arsenic acid	
$\text{H}_3\text{CCH}_2\text{CH}_3$	propane	
$\text{H}_3\text{N}^+\text{CH}_2\text{COO}^-$	zwitterion	
H_3O^+	hydronium ion	
H_3PO_4	phosphoric acid	7664-38-2
H_4XeO_6	perxenic acid	
H_6TeO_6	telluric acid	
HfBr_4	hafnium(IV) bromide	13777-22-5
HfF_4	hafnium(IV) fluoride	13709-52-9
$\text{HfOCl}_2 \cdot 8\text{H}_2\text{O}$	hafnium(IV) oxychloride octahydrate	
$\text{HfOH}(\text{C}_2\text{H}_3\text{O}_2)_3$	hafnium(IV) acetate, basic	
$\text{Hf}(\text{SO}_4)_2$	hafnium(IV) sulfate	
$\text{Hg}(\text{BrO}_3)_2 \cdot 2\text{H}_2\text{O}$	mercury(II) bromate dihydrate	
HgBr_2	mercury(II) bromide	7789-47-1
$\text{Hg}(\text{C}_2\text{H}_3\text{O}_2)_2$	mercury(II) acetate	
$\text{Hg}(\text{C}_7\text{H}_5\text{O}_2)_2 \cdot \text{H}_2\text{O}$	mercury(II) benzoate monohydrate	
$\text{HgClO}_4 \cdot 4\text{H}_2\text{O}$	mercury(I) perchlorate tetrahydrate	
$\text{Hg}(\text{ClO}_4)_2 \cdot 3\text{H}_2\text{O}$	mercury(II) perchlorate trihydrate	
HgCl_2	mercury(II) chloride	7487-94-7
$\text{Hg}(\text{IO}_3)_2$	mercury(II) iodate	
HgI_2	mercury(II) iodide	7774-29-0
$\text{Hg}(\text{NO}_3)_2 \cdot \text{H}_2\text{O}$	mercury(II) nitrate monohydrate	
$\text{Hg}(\text{CNO})_2$	mercury(II) fulminate	628-86-4
HgO	mercury(II) oxide	21908-53-2
HgS	mercury(II) sulfide cinnabar	
$\text{Hg}(\text{SCN})_2$	mercury(II) thiocyanate	
HgSe	mercury(II) selenide	

HgSeO ₃	mercury(II) selenite	
HgTe	mercury(II) telluride	
HgTeO ₃	mercury(II) tellurite	
HgWO ₄	mercury(II) tungstate	
Hg ₂ Br ₂	mercury(I) bromide	15385-58-7
Hg ₂ Cl ₂	mercury(I) chloride	10112-91-1
Hg ₂ I ₂	mercury(I) iodide	15385-57-6
Hg ₃ (AsO ₄) ₂	mercury(II) orthoarsenate	
IBr	iodine(I) bromide	7789-33-5
IBr ₃	iodine(III) bromide	
ICl	Iodine monochloride	7790-99-0
ICl ₃	iodine(III) chloride	
IO ₃ ⁻	iodate ion	
I ₂	iodine	7553-56-2
I ₃ ⁻	triiodide ion	
InAs	indium(III) arsenide	
InBr	indium(I) bromide	14280-53-6
InBrI ₂	indium(III) bromodiiodide	
InBr ₂ I	indium(III) dibromoiodide	
InBr ₃	indium(III) bromide	13465-09-3
InCl	indium(I) chloride	13465-10-6
InCl ₂	indium(II) chloride	
InCl ₃	indium(III) chloride	10025-82-8
InCl ₃ ·4H ₂ O	indium(III) chloride tetrahydrate	
InI	indium(I) iodide	13966-94-4
In(IO ₃) ₃	indium(III) iodate	
InI ₂	indium(II) iodide	
InI ₃	indium(III) iodide	13510-35-5
In(NO ₃) ₃ ·4.5H ₂ O	indium(III) nitrate tetrahemihydrate	
In(OH) ₃	indium(III) hydroxide	
InP	indium(III) phosphide	22398-80-7
InPO ₄	indium(III) orthophosphate	
InS	indium(II) sulfide	12030-14-7
InSb	indium(III) antimonide	1312-41-0
InTe	indium(II) telluride	12030-19-2
In ₂ O ₃	indium(III) oxide	1312-43-2

$\text{In}_2(\text{SO}_4)_3 \cdot \text{H}_2\text{O}$	indium(III) sulfate monohydrate	
In_2S_3	indium(III) sulfide	
In_2Se_3	indium(III) selenide	
In_2Te_3	indium(III) telluride	
KCN	potassium cyanide	151-50-8
KCNS	potassium thiocyanate	333-20-0
KCl	potassium chloride	7447-40-7
KClO_3	potassium chlorate	3811-04-9
KClO_4	potassium perchlorate	7778-74-7
KF	potassium fluoride	13455-21-1
KMnO_4	potassium permanganate	7722-64-7
K_2MnO_4	potassium manganate	10294-64-1
KrF_2	krypton difluoride	13773-81-4
LaCl_3	lanthanum(III) chloride	10099-58-8
LaPO_4	lanthanum(III) phosphate	14913-14-5
$\text{LaPO}_4 \cdot 0.5\text{H}_2\text{O}$	lanthanum(III) phosphate crystal hemihydrate	
$\text{Li}(\text{AlSi}_2\text{O}_6)$	keatite	
LiBr	lithium bromide	7550-35-8
$\text{LiBr} \cdot 2\text{H}_2\text{O}$	lithium bromide dihydrate	
LiBrO_3	lithium bromate	
LiCN	lithium cyanide	
$\text{LiC}_2\text{H}_5\text{O}$	lithium ethoxide	
LiF	lithium fluoride	7789-24-4
LiHSO_4	lithium hydrogen sulfate	
LiIO_3	lithium iodate	
LiNa	sodium lithium	
LiNO_3	lithium nitrate	
$\text{LiNO}_3 \cdot \text{H}_2\text{O}$	lithium nitrate monohydrate	
LiTaO_3	lithium tantalate lithium metatantalate	
$\text{LiVO}_3 \cdot 2\text{H}_2\text{O}$	lithium metavanadate dihydrate	
$\text{Li}_2\text{B}_4\text{O}_7 \cdot 5\text{H}_2\text{O}$	lithium tetraborate pentahydrate	
Li_2CrO_4	lithium chromate	
$\text{Li}_2\text{CrO}_4 \cdot 2\text{H}_2\text{O}$	lithium chromate dihydrate	
$\text{Li}_2\text{Cr}_2\text{O}_7$	lithium dichromate	
Li_2MoO_4	lithium orthomolybdate	13568-40-6

Li_2NbO_3	lithium metaniobate	
Li_2SO_4	lithium sulfate	10377-48-7
Li_2SeO_3	lithium selenite	
Li_2SeO_4	lithium selenate	
Li_2SiO_3	lithium metasilicate	10102-24-6
lithium orthosilicate		
Li_2TeO_3	lithium tellurite	
Li_2TeO_4	lithium tellurate	
Li_2TiO_3	lithium metatitanate	12031-82-2
Li_2WO_4	lithium orthotungstate	13568-45-1
Li_2ZrO_3	lithium metazirconate	
$\text{Mg}(\text{AlO}_2)_2$	magnesium aluminate	
As_2Mg_3	magnesium arsenide	12044-49-4
MgCO_3	magnesium carbonate magnesite	546-93-0
MgC_2O_4	magnesium oxalate	
$\text{Mg}(\text{ClO}_3)_2$	magnesium chlorate	
$\text{Mg}(\text{ClO}_3)_2 \cdot x\text{H}_2\text{O}$	magnesium chlorate hydrate	
MgCl_2	magnesium chloride	7786-30-3
MgCrO_4	magnesium chromate	
$\text{MgCrO}_4 \cdot 5\text{H}_2\text{O}$	magnesium chromate pentahydrate	
MgF_2	magnesium fluoride	7783-40-6
MgI_2	magnesium iodide	10377-58-9
MgMoO_4	magnesium molybdate	
$\text{MgNH}_4\text{PO}_4 \cdot 6\text{H}_2\text{O}$	magnesium ammonium phosphate hexahydrate	
$\text{Mg}(\text{NO}_3)_2$	magnesium nitrate	
$\text{Mg}(\text{NO}_3)_2 \cdot 6\text{H}_2\text{O}$	magnesium nitrate hexahydrate	
$\text{MgNaAl}_5(\text{Si}_4\text{O}_{10})_3(\text{OH})_6$	montmorillonite (clay)	
MgO	magnesium oxide magnesia periclase	1309-48-4
$\text{Mg}(\text{OH})_2$	magnesium hydroxide milk of magnesia	
MgPo	magnesium polonide	
MgS	magnesium sulfide	12032-36-9
MgSO_4	magnesium sulfate	7487-88-9
MgSe	magnesium selenide	

MgSeO ₃	magnesium selenite	
MgSeO ₄	magnesium selenate	
MgSiO ₃	magnesium metasilicate enstatite	13776-74-4
MgTiO ₃	magnesium metatitanate	12032-30-3
Mg(VO ₃) ₂	magnesium metavanadate	
MgWO ₄	magnesium tungstate	13573-11-0
Mg ₂ Al(AlSiO ₅)(OH) ₄	amesite	
Mg ₂ P ₂ O ₇	magnesium pyrophosphate	
Mg ₂ SiO ₄	forsterite	10034-94-3
Mg ₃ As ₂	magnesium arsenide	
Mg ₃ Bi ₂	magnesium bismuthide	
Mg ₃ P ₂	magnesium phosphide	
Mg ₃ (Si ₂ O ₅)(OH) ₄	chrysotile	
Mg ₃ (Si ₄ O ₁₀)(OH) ₂	talc	
Mg ₃ (VO ₄) ₂	magnesium orthovanadate	
MnAs	manganese(III) arsenide	
MnBi	manganese(III) bismuthide	
MnBr ₂	manganese(II) bromide	13446-03-2
MnBr ₂ ·4H ₂ O	manganese(II) bromide tetrahydrate	
Mn(CHO ₂) ₂	manganese(II) formate	
Mn(CHO ₂) ₂ ·2H ₂ O	manganese(II) formate dihydrate	
MnCO ₃	manganese(II) carbonate	
MnCl ₂	manganese(II) chloride	7773-01-5
MnF ₂	manganese(II) fluoride	7782-64-1
MnI ₂	manganese(II) iodide	
MnMoO ₄	manganese(II) orthomolybdate	
Mn(NO ₃) ₂	manganese(II) nitrate	
Mn(NO ₃) ₂ ·4H ₂ O	manganese(II) nitrate tetrahydrate	
MnO	manganese(II) oxide	1344-43-0
Mn(OH) ₂	manganese hydroxide	
MnOOH	manganite	
MnO ₂	manganese dioxide pyrolusite	1313-13-9
MnO ₄ ⁻	permanganate ion	
MnPb ₈ (Si ₂ O ₇) ₃	barysilate	

MnS	manganese sulfide	18820-29-6
MnTe	manganese(II) telluride	
MnZrO ₃	manganese(II) metazirconate	
Mn ₂ O ₃	manganese(III) oxide	
Mn ₃ As ₂	manganese(II) arsenide	
Mn ₃ O ₄	manganese(II,III) oxide trimanganese tetroxide hausmannite	
Mn ₃ P ₂	manganese(II) phosphide	
Mn ₃ Sb ₂	manganese(II) antimonide	
MoBr ₂	molybdenum(II) bromide	13446-56-5
MoBr ₃	molybdenum(III) bromide	13446-57-6
MoCl ₂	molybdenum(II) chloride	
MoCl ₃	molybdenum(III) chloride	
MoCl ₅	molybdenum(V) chloride	10241-05-1
MoO ₂	molybdenum(IV) oxide	18868-43-4
MoO ₄ ²⁻	molybdate ion	
MoS ₂	molybdenum sulfide molybdenum disulfide molybdenite	1317-33-5
Hg ₂ Br ₂	mercury(I) bromide	
NaBCl ₄	Sodium tetrachloroborate	
NH ₂ ⁻	amide ion	
NH ₂ CH ₂ CH ₂ NH ₂	ethylenediamine	
NH ₂ CONH ₂	urea	
NH ₂ C ₆ H ₄ SO ₃ H	sulfanilic Acid	
NH ₂ OH	hydroxylamine	
(NH ₂) ₂ CO	urea	
NH ₃	ammonia	7664-41-7
NH ₄ ⁺	ammonium ion	
(NH ₄) ₃ N	ammonium nitride	
NH ₄ Br	ammonium bromide	12124-97-9
NH ₄ CO ₂ NH ₂	ammonium carbamate	
(NH ₄) ₂ CO ₃	ammonium carbonate	
NH ₄ Cl	ammonium chloride	12125-02-9
NH ₄ ClO ₄	Ammonium perchlorate	7790-98-9

NH ₄ HS	ammonium hydrosulfide	
(NH ₄)H ₂ AsO ₄	ammonium dihydrogen arsenate	
NH ₄ NO ₃	ammonium nitrate	6484-52-2
NH ₄ OCONH ₂	ammonium carbamate	
(NH ₄) ₂ Ce(NO ₃) ₆	ammonium cerium(IV) nitrate ceric ammonium nitrate CAN	
(NH ₄) ₃ PO ₄	ammonium phosphate	
(NH ₄) ₂ CrO ₄	ammonium chromate	
(NH ₄) ₂ Hg(SCN) ₄	mercury(II) ammonium thiocyanate	
(NH ₄) ₂ [PtCl ₆]	ammonium hexachloroplatinate(IV)	
(NH ₄) ₂ [Pt(SCN) ₆]	ammonium hexathiocyanoplatinate(IV)	
(NH ₄) ₂ SO ₄	ammonium sulfate	
NI ₃	nitrogen triiodide	
NO	nitric oxide nitrogen oxide nitrogen(II) oxide	10102-43-9
NO ₂	nitrogen dioxide nitrogen(IV) oxide	10102-44-0
NO ₂ ⁻	nitrite ion	
NO ₂ Cl	nitryl chloride	13444-90-1
NO ₃ ⁻	nitrate ion	
N ₂	nitrogen	7727-37-9
N ₂ H ₄	hydrazine	302-01-2
N ₂ O	nitrous oxide dinitrogen oxide nitrogen(I) oxide	10024-97-2
N ₂ O ₃	dinitrogen trioxide nitrogen(III) oxide	10544-73-7
N ₂ O ₄	dinitrogen tetroxide nitrogen(IV) oxide	10544-72-6
N ₂ O ₅	dinitrogen pentaoxide nitrogen(V) oxide	10102-03-1
N ₄ H ₄	<i>trans</i> -tetrazene	54410-57-0
NaAlSi ₃ O ₃	albite	
NaAsO ₂	sodium metaarsenite	
NaAu(CN) ₂	sodium dicyanoaurate(I)	
Na ₂ Cr ₂ O ₇ · 2H ₂ O	Sodium dichromate dihydrate	10588-01-9
Na[B(NO ₃) ₄]	sodium tetranitratoborate(III)	

NaBr	sodium bromide	7647-15-6
NaCN	sodium cyanide	143-33-9
NaC ₆ F ₅ COO	pentafluorobenzoate	
NaC ₆ H ₅ COO	sodium benzoate	
NaCa ₂ (Al ₅ Si ₅ O ₂₀) · 6H ₂ O	thomsonite	
NaCl	sodium chloride rock-salt halite	7647-14-5
NaH	sodium hydride	7646-69-7
NaHCOO	sodium formate	
NaHCO ₃	sodium bicarbonate baking soda	144-55-8
NaI	sodium iodide	7681-82-5
NaNH ₂ C ₆ H ₄ SO ₃	sodium sulfanilate	
NaNO ₃	sodium nitrate	
NaNbO ₃	sodium metaniobate	
NaNbO ₃ · 7H ₂ O	sodium metaniobate heptahydrate	
NaOCl	sodium hypochlorite	7681-52-9
NaOH	sodium hydroxide	1310-73-2
NaO ₂ As(CH ₃) ₂ · 3H ₂ O	sodium salt of cacodylic acid	
NaSeO ₃	sodium selenite	
NaTaO ₃	sodium metatantalate	
NaVO ₃	sodium metavanadate	
Na ₂ CO ₃	sodium carbonate soda ash	497-19-8
Na ₂ C ₂ O ₄	sodium oxalate	62-76-0
Na ₂ MoS ₄	sodium thiomolybdate	
Na ₂ O ₂	sodium peroxide	1313-60-6
Na ₂ O	sodium oxide	
Na ₂ S	sodium monosulfide	1313-82-2
Na ₂ SO ₄	sodium sulfate salt cake	7757-82-6
Na ₂ S ₂ O ₃	sodium thiosulfate	
Na ₂ S ₂ O ₅	sodium disulfite	7681-57-4
Na ₂ S ₄	sodium tetrasulfide	
Na ₂ SeO ₃	sodium selenite	10102-18-8
Na ₂ SeO ₄	sodium selenate	
Na ₂ TeO ₃	sodium tellurite	

Na_2TeO_4	sodium tellurate	
Na_2TiO_3	sodium metatitanate	
Na_2ZnO_2	sodium zincate	
Na_2ZrO_3	sodium metazirconate	
Na_3AlF_6	cryolite	15096-52-3
$\text{Na}_3[\text{Co}(\text{CO}_3)_3]$	sodium tricarbonatocobaltate(III)	
Na_3VO_4	sodium orthovanadate	
$\text{Na}_4\text{V}_2\text{O}_7$	sodium pyrovanadate	
NbBr_5	niobium(V) bromide	13478-45-0
NbCl_3	niobium(III) chloride	
NbCl_5	niobium(V) chloride	10026-12-7
NbI_5	niobium(V) iodide	
Nb_2O_3	niobium(III) oxide	
NdCl_2	neodymium(II) chloride neodymium dichloride	25469-93-6
NdI_2	neodymium(III) iodide neodymium diiodide	
$\text{Nd}(\text{OH})_3$	neodymium hydroxide	
Nd_2O_3	neodymium(III) oxide dineodymium trioxide	
NiAs	nickel(III) arsenide	
NiAsS	nickel arsenic sulfide gersdorffite	
NiBr_2	nickel(II) bromide	13462-88-9
$\text{NiBr}_2 \cdot 3\text{H}_2\text{O}$	nickel(II) bromide trihydrate	
$\text{NiBr}_2 \cdot 6\text{H}_2\text{O}$	nickel(II) bromide hexahydrate	
$\text{Ni}(\text{CO})_4$	nickel tetracarbonyl	
$\text{NiC}_2\text{O}_4 \cdot 2\text{H}_2\text{O}$	nickel(II) oxalate dihydrate	
NiCl_2	nickel(II) chloride	7718-54-9
NiFe_2O_4	nickel(II) iron(III) oxide	
NiI_2	nickel(II) iodide	
$\text{Ni}(\text{H}_2\text{PO}_2)_2 \cdot 6\text{H}_2\text{O}$	nickel(II) hypophosphite hexahydrate	
NiMoO_4	nickel(II) orthomolybdate	
$\text{Ni}(\text{NO}_3)_2 \cdot 6\text{H}_2\text{O}$	nickel(II) nitrate hexahydrate	
NiOOH	nickel oxo-hydroxide	
NiO	nickel(II) oxide	1313-99-1
$\text{Ni}(\text{OH})_2$	nickel(II) hydroxide	

NiS	nickel(II) sulfide millerite	16812-54-7
NiSO ₄	nickel sulfate	
NiS ₂	nickel sulfide	12035-51-7
NiSe	nickel(II) selenide	
NiTiO ₃	nickel(II) metatitanate	
Ni(VO ₃) ₂	nickel(II) metavanadate	
NiWO ₄	nickel(II) orthotungstate	
Ni ₂ SiO ₄	nickel(II) orthosilicate	
Ni ₃ (PO ₄) ₂	nickel(II) orthophosphate	
Ni ₃ Sb ₂	nickel(II) antimonide	
O	oxygen	7782-44-7
O ₂	dioxygen	
O ₂ ⁻	superoxide ion	
O ₂ ²⁻	peroxide ion	
OF ₂	oxygen difluoride	7783-41-7
O ₂ F ₂	dioxygen difluoride	7783-44-0
OH ⁻	hydroxide ion	
O ₃	ozone	10028-15-6
O ₃ ⁻	ozonide ion	
P ₂ I ₄	diphosphorus tetraiodine	
P ₂ S ₃	diphosphorus trisulfide	
P ₂ Se ₃	diphosphorus triselenide	
P ₃ N ₅	phosphorus nitride	
PH ₃	phosphine	
POCl ₃	phosphoryl chloride	10025-87-3
Pb(IO ₃) ₂	lead(II) iodate	
Pb(N ₃) ₂	lead(II) nitride	
Pb(NO ₃) ₂	lead(II) nitrate	
Pb(OH) ₂	lead(II) hydroxide	
Pb(OH) ₄	plumbic acid	
PbC ₂ O ₄	lead oxalate	
PbCO ₃	lead carbonate	
PbCrO ₄	lead chromate	
PbF ₂	lead(II) fluoride	

PbI ₂	lead(II) iodide	
PbO	lead(II) oxide	
PbO ₂	lead dioxide	
PbS	lead(II) sulfide	
PbSO ₄	lead(II) sulfate	7446-14-2
PoBr ₂	polonium dibromide	66794-54-5
PoCl ₂	polonium dichloride	
PoCl ₄	polonium tetrachloride	10026-02-5
PoF ₆	polonium hexafluoride	35473-38-2
PoH ₂	polonium hydride	31060-73-8
PoO	polonium monoxide	
PoO ₂	polonium dioxide	7446-06-2
PoO ₃	polonium trioxide	
RnF ₂	radon difluoride	
RuCl ₃	ruthenium(III) chloride	
RuF ₆	ruthenium hexafluoride	13693-08-8
RuO ₄	ruthenium tetroxide	20427-56-9
SCN ⁻	thiocyanate	
SF ₄	sulfur tetrafluoride	
SF ₆	sulfur hexafluoride	2551-62-4
SOF ₂	thionyl difluoride	7783-42-8
SO ₂	sulfur dioxide	7446-09-5
SO ₂ Cl ₂	sulfuryl chloride	7791-25-5
SO ₂ F ₂	sulfuryl difluoride	2699-79-8
SO ₂ OOH ⁻	peroxymonosulfurous acid (aqueous)	
SO ₃	sulfur trioxide	7446-11-9
SO ₃ ²⁻	sulfite ion	
SO ₄ ²⁻	sulfate ion	
S ₂ Br ₂	sulfur(II) bromide	71677-14-0
S ₂ O ₃ ²⁻	thiosulfate ion	
S ₂ O ₇ ²⁻	disulfate ion	
SbBr ₃	antimony(III) bromide	7789-61-9
SbCl ₃	antimony(III) chloride	10025-91-9
SbCl ₅	antimony(V) chloride	7647-18-9

SbI ₃	antimony(III) iodide	7790-44-5
SbPO ₄	antimony(III) phosphate	
Sb ₂ OS ₂	antimony oxysulfide kermesite	
Sb ₂ O ₃	antimony(III) oxide	1309-64-4
Sb ₂ O ₅	antimony(V) oxide	
Sb ₂ S ₃	antimony(III) sulfide	1345-04-6
Sb ₂ Se ₃	antimony(III) selenide	1315-05-5
Sb ₂ Se ₅	antimony(V) selenide	
Sb ₂ Te ₃	antimony(III) telluride	
Sc ₂ O ₃	scandium oxide scandia	
SeBr ₄	selenium(IV) bromide	
SeCl	selenium(I) chloride	
SeCl ₄	selenium(IV) chloride	10026-03-6
SeOCl ₂	selenium(IV) oxychloride	7791-23-3
SeOF ₂	selenyl difluoride	
SeO ₂	selenium(IV) oxide	7446-08-4
SeO ₄ ²⁻	selenate ion	
SeTe	selenium(IV) telluride	12067-42-4
SiBr ₄	silicon(IV) bromide	7789-66-4
SiC	silicon carbide	409-21-2
SiCl ₄	silicon(IV) chloride	10026-04-7
SiH ₄	silane	7803-62-5
SiI ₄	silicon(IV) iodide	13465-84-4
SiO ₂	silicon(IV) dioxide silica quartz	7631-86-9
SiO ₄ ⁴⁻	silicate ion	
Si ₂ O ₇ ⁶⁻	disilicate ion	
Si ₃ N ₄	silicon nitride	12033-89-5
Si ₆ O ₁₈ ¹²⁻	cyclosilicate ion	
SnBrCl ₃	tin(IV) bromotrichloride	
SnBr ₂	tin(II) bromide	10031-24-0
SnBr ₂ Cl ₂	tin(IV) dibromodichloride	
SnBr ₃ Cl	tin(IV) tribromochloride	14779-73-8

SnBr ₄	tin(IV) bromide	7789-67-5
SnCl ₂	tin(II) chloride	7772-99-8
SnCl ₂ I ₂	tin(IV) dichlorodiodide	
SnCl ₄	tin(IV) chloride	7646-78-8
Sn(CrO ₄) ₂	tin(IV) chromate	
SnI ₄	tin(IV) iodide	7790-47-8
SnO ₂	tin(IV) oxide	18282-10-5
SnO ₃ ²⁻	stannate ion	
SnS	tin(II) sulfide	1314-95-0
SnS ₂	tin(IV) sulfide	
Sn(SO ₄) ₂ ·2H ₂ O	tin(IV) sulfate dihydrate	
SnSe	tin(II) selenide	1315-06-6
SnSe ₂	tin(IV) selenide	
SnTe	tin(II) telluride	12040-02-7
SnTe ₄	tin(IV) telluride	
Sn(VO ₃) ₂	tin(II) metavanadate	
Sn ₃ Sb ₄	tin(IV) antimonide	
SrBr ₂	strontium bromide	10476-81-0
SrBr ₂ ·6H ₂ O	strontium bromide hexahydrate	
SrCO ₃	strontium carbonate	
SrCl ₂	strontium chloride	
SrC ₂ O ₄	strontium oxalate	
SrF ₂	strontium fluoride	7783-48-4
SrI ₂	strontium iodide	10476-86-5
SrI ₂ ·6H ₂ O	strontium iodide hexahydrate	
Sr(MnO ₄) ₂	strontium permanganate	
SrMoO ₄	strontium orthomolybdate	13470-04-7
Sr(NbO ₃) ₂	strontium metaniobate	
SrO	strontium oxide	1314-11-0
Sr ₂ RuO ₄	strontium ruthenate	
SrS	strontium sulfide	1314-96-1
SrSeO ₃	strontium selenite	
SrSeO ₄	strontium selenate	
SrTeO ₃	strontium tellurite	
SrTeO ₄	strontium tellurate	

SrTiO ₃	strontium metatitanate	
T ₂ O	tritium oxide tritiated water	14940-65-9
TaBr ₃	tantalum(III) bromide	
TaBr ₅	tantalum(V) bromide	
TaCl ₅	tantalum(V) chloride	7721-01-9
TaI ₅	tantalum(V) iodide	
TaO ₃ ⁻	tantalate ion	
TcO ₄ ⁻	pertechnetate ion	
TeBr ₂	tellurium(II) bromide	
TeBr ₂	tellurium(II) bromide	
TeBr ₄	tellurium(IV) bromide	
TeCl ₂	tellurium(II) chloride	
TeCl ₄	tellurium(IV) chloride	10026-07-0
TeI ₂	tellurium(II) iodide	
TeI ₄	tellurium(IV) iodide	
TeO ₂	tellurium(IV) oxide	7446-07-3
TeO ₄ ⁻	tellurate ion	
TeY	yttrium telluride	12187-04-1
Th(CO ₃) ₂	thorium carbonate	19024-62-5
Th(NO ₃) ₄	thorium nitrate	13823-29-5
TiBr ₄	titanium(IV) bromide	7789-68-6
TiCl ₂ I ₂	titanium(IV) dichlorodiodide	
TiCl ₃ I	titanium(IV) trichloriodide	
TiCl ₄	titanium tetrachloride	7550-45-0
TiO ₂	titanium dioxide rutile	1317-70-0
TiO ₃ ²⁻	titanate ion	
TlBr	thallium(I) bromide	7789-40-4
TlBr ₃	thallium(III) bromide	
Tl(CHO ₂)	thallium(I) formate	
TlC ₂ H ₃ O ₂	thallium(I) acetate	563-68-8
Tl(C ₃ H ₃ O ₄)	thallium(I) malonate	
TlCl	thallium(I) chloride	7791-12-0
TlCl ₃	thallium(III) chloride	
TlF	thallium(I) fluoride	7789-27-7

TII	thallium(I) iodide	7790-30-9
TlIO ₃	thallium(I) iodate	
TlI ₃	thallium(III) iodide	
TiI ₄	titanium(IV) iodide	7720-83-4
TiO(NO ₃) ₂ · xH ₂ O	titanium(IV) oxynitrate hydrate	
TlNO ₃	thallium(I) nitrate	10102-45-1
TlOH	thallium(I) hydroxide	
TlPF ₆	thallium(I) hexafluorophosphate	60969-19-9
TlSCN	thallium thiocyanate	
Tl ₂ MoO ₄	thallium(I) orthomolybdate	
Tl ₂ SeO ₃	thallium(I) selenite	
Tl ₂ TeO ₃	thallium(I) tellurite	
Tl ₂ WO ₄	thallium(I) orthotungstate	
Tl ₃ As	thallium(I) arsenide	
UF ₄	uranium(IV) fluoride	10049-14-6
UF ₆	uranium(VI) fluoride	7783-81-5
VBr ₂	vanadium(II) bromide	
VBr ₃	vanadium(III) bromide	
VCl ₂	vanadium(II) chloride	10580-52-6
VCl ₃	vanadium(III) chloride	7718-98-1
VSO ₅	vanadium oxysulfate	27774-13-6
V ₂ O ₃	vanadium(III) oxide	1314-34-7
V ₂ O ₅	vanadium pentoxide	1314-62-1
V ₂ O ₇ ⁴⁻	divanadate ion pyrovanadate ion	
WBr ₂	tungsten(II) bromide	13470-10-5
WBr ₃	tungsten(III) bromide	15163-24-3
WBr ₄	tungsten(IV) bromide	14055-81-3
WBr ₅	tungsten(V) bromide	13470-11-6
WBr ₆	tungsten(VI) bromide	13701-86-5
W(CO) ₆	tungsten(VI) carbonyl	14040-11-0
WCl ₂	tungsten(II) chloride	13470-12-7
WCl ₃	tungsten(III) chloride	20193-56-0
WCl ₄	tungsten(IV) chloride	13470-13-8
WCl ₅	tungsten(V) chloride	13470-14-9

WCl ₆	tungsten(VI) chloride	13283-01-7
WF ₄	tungsten(IV) fluoride	13766-47-7
WF ₅	tungsten(V) fluoride	19357-83-6
WF ₆	tungsten(VI) fluoride	7783-82-6
WI ₂	tungsten(II) iodide	13470-17-2
WI ₄	tungsten(IV) iodide	14055-84-6
WBr ₃	tungsten(V) oxytribromide	20213-56-3
WBr ₄	tungsten(VI) oxytetrabromide	13520-77-9
WCl ₃	tungsten(V) oxytrichloride	14249-98-0
WCl ₄	tungsten(VI) oxytetrachloride	13520-78-0
WOF ₂	tungsten(VI) oxytetrafluoride	13520-79-1
WO ₂	tungsten(IV) oxide	12036-22-5
WO ₂ Br ₂	tungsten(VI) dioxydibromide	13520-75-7
WO ₂ Cl ₂	tungsten(VI) dioxydichloride	13520-76-8
WO ₂ I ₂	tungsten(VI) dioxydiiodide	14447-89-3
WO ₃	tungsten(VI) oxide	1314-35-8
WO ₄ ²⁻	tungstate ion	
WS ₂	tungsten(IV) sulfide	12138-09-9
WS ₃	tungsten(VI) sulfide	12125-19-8
WSe ₂	tungsten(IV) selenide	12067-46-8
WTe ₂	tungsten(IV) telluride	12067-76-4
W ₂ C	tungsten carbide	12070-13-2
YAs	yttrium arsenide	12255-48-0
YB ₆	yttrium boride	12008-32-1
YBr ₃	yttrium bromide	13469-98-2
YC ₂	yttrium carbide	12071-35-1
YCl ₃	yttrium chloride	10361-92-9
YF ₃	yttrium fluoride	13709-49-4
YP	yttrium phosphide	12294-01-8
YSb	yttrium antimonide	12186-97-9
YVO ₄	yttrium vanadate	13566-12-6
Y ₂ O ₃	yttria yttrium oxide	1314-36-9
Y ₂ S ₃	yttrium sulfide	12039-19-9
YbBr ₂	ytterbium(II) bromide	25502-05-0

YbBr ₃	ytterbium(III) bromide	13759-89-2
YbCl ₂	ytterbium(II)chloride	13874-77-6
YbCl ₃	ytterbium(III) chloride	10361-91-8
YbCl ₃ ·6H ₂ O	ytterbium(III) chloride hexahydrate	19423-87-1
YbF ₂	ytterbium(II) fluoride	15192-18-4
YbF ₃	ytterbium(III) fluoride	13760-80-0
YbI ₂	ytterbium(II) iodide	19357-86-9
YbI ₃	ytterbium(III) iodide	13813-44-0
YbSe	ytterbium(II) selenide	12039-54-2
YbSi ₂	ytterbium(II) silicide	12039-89-3
Yb ₂ O ₃	ytterbium(III) oxide	1314-37-0
Yb ₂ S ₃	ytterbium(III) sulfide	12039-20-2
Yb ₂ Se ₃	ytterbium(III) selenide	12166-52-8
YbTe	ytterbium(II) telluride	12125-58-5
Zn(AlO ₂) ₂	zinc aluminate	68186-87-8
Zn(AsO ₂) ₂	zinc arsenite	10326-24-6
ZnBr ₂	zinc bromide	7699-45-8
Zn(CN) ₂	zinc cyanide	557-21-1
ZnCO ₃	zinc carbonate	3486-35-9
Zn(C ₈ H ₁₅ O ₂) ₂	zinc caprylate	557-09-5
Zn(ClO ₃) ₂	zinc chlorate	10361-95-2
ZnCl ₂	zinc chloride	7646-85-7
ZnCr ₂ O ₄	zinc chromite	12018-19-8
ZnF ₂	zinc fluoride	7783-49-5
Zn(IO ₃) ₂	zinc iodate	7790-37-6
ZnI ₂	zinc iodide	10139-47-6
ZnMoO ₄	zinc orthomolybdate	7783-20-2
Zn(NO ₂) ₂	zinc nitrite	10102-02-0
Zn(NO ₃) ₂	zinc nitrate	7779-88-6
Zn(NbO ₃) ₂	zinc metaniobate	
ZnO	zinc(II) oxide zinc oxide	1314-13-2
ZnO ₂	zinc peroxide	1314-22-3
Zn(OH) ₂	zinc hydroxide	20427-58-1
Zn(OH) ₄ ²⁻	zincate ion	

ZnS	zinc sulfide sphalerite	1314-98-3
Zn(SCN) ₂	zinc thiocyanate	557-42-6
ZnSO ₄	zinc sulfate	7733-02-0
ZnSb	zinc antimonide	12039-35-9
ZnSe	zinc selenide	1315-09-9
ZnSeO ₃	zinc selenite	13597-46-1
ZnSnO ₃	zinc stannate	12036-37-2
Zn(TaO ₃) ₂	zinc metatantalate	
ZnTe	zinc telluride	1315-11-3
ZnTeO ₃	zinc tellurite	
ZnTeO ₄	zinc tellurate	
ZnTiO ₃	zinc metatitanate	
Zn(VO ₃) ₂	zinc metavanadate	
ZnWO ₄	zinc orthotungstate	
ZnZrO ₃	zinc metazirconate	
Zn ₂ P ₂ O ₇	zinc pyrophosphate	7446-26-6
Zn ₂ SiO ₄	zinc orthosilicate	13597-65-4
Zn ₃ (AsO ₄) ₂	zinc arsenate	13464-44-3
Zn ₃ As ₂	zinc arsenide	
Zn ₃ N ₂	zinc nitride	1313-49-1
Zn ₃ P ₂	zinc phosphide	1314-84-7
Zn ₃ (PO ₄) ₂	zinc phosphate	7779-90-0
Zn ₃ Sb ₂	zinc antimonide	
ZrB ₂	zirconium boride	12045-64-6
ZrBr ₄	zirconium bromide	13777-25-8
ZrC	zirconium carbide	12020-14-3
ZrCl ₄	zirconium tetrachloride	10026-11-6
ZrF ₄	zirconium fluoride	7783-64-4
ZrI ₄	zirconium iodide	13986-26-0
ZrN	zirconium nitride	25658-42-8
Zr(OH) ₄	zirconium hydroxide	14475-63-9
ZrO ₂	zirconium dioxide baddeleyite	1314-23-4
ZrO ₃ ²⁻	zirconate ion	
ZrP ₂	zirconium phosphide	12037-80-8

ZrS ₂	zirconium sulfide	12039-15-5
ZrSi ₂	zirconium silicide	12039-90-6
ZrSiO ₄	zirconium orthosilicate	10101-52-7
Zr ₃ (PO ₄) ₄	zirconium phosphate	13765-95-2

For other formats visit : www.downloadexcelfiles.com

Original source : en.wikipedia.org/wiki/Dictionary_of_chemical_formulas