Hindustan Platinum

HOMOGENEOUS CATALYSTS

RARE EXCELLENCE

Precious Metal Homogeneous Catalysis

Our homogeneous catalysts enable challenging cross-coupling reactions, highly selective hydrogenations and the efficient, high-precision synthesis of fine chemicals.

Palladium

Product Name	CAS No.	Description	Mol.Wt.	Wt. %
Palladium(II) acetate	3375-31-3	$Pd(OAc)_2$	224.50	47.40
Palladium(II) acetate-High Purity	3375-31-3	$Pd(OAc)_2$-HP	224.50	47.40
Palladium(II) pivalate	106224-36-6	$Pd(OPiv)_2$	308.67	34.48
Bis(dibenzylideneacetone)palladium(0)	32005-36-0	$Pd(dba)_2$	575.01	18.50
Tris(dibenzylideneacetone)dipalladium(0)	51364-51-3	$Pd_2(dba)_3$	915.72	23.23
Tris(dibenzylideneacetone)dipalladium(0) chloroform adduct	52522-40-4	$Pd_2(dba)_3.CHCl_3$	1035.10	20.55
Tris(dibenzylideneacetone)dipalladium(0) dichoromethane adduct	In process	$Pd_2(dba)_3.CH_2Cl_2$	1000.72	21.27
Bis(acetonitrile)dichloropalladium(II)	14592-56-4	$Pd(CH_3CN)_2Cl_2$	259.44	41.01
Bis(benzonitrile)dichloropalladium(II)	14220-64-5	$Pd(PhCN)_2Cl_2$	383.60	27.73
Dichloro(1,5-cyclooctadiene)palladium(II)	12107-56-1	$Pd(cod)Cl_2$	285.51	37.26
Dibromo(1,5-cyclooctadiene)palladium(II)	12145-47-0	$Pd(cod)Br_2$	374.41	28.40
Dichloro(2,5-norbornadiene)palladium(II)	12317- 46-3	$Pd(nbd)Cl_2$	269.46	39.40
Allylpalladium(II) chloride dimer	12012-95-2	$[Pd(allyl)Cl]_2$	365.85	58.15
Crotylpalladium(II) chloride dimer	12081-22-0	$[Pd(crotyl)Cl]_2$	393.94	54.03
Cinnamylpalladium(II) chloride dimer	12131-44-1	$[Pd(cinnamyl)Cl]_2$	518.08	41.00
Bis(acetylacetonato)palladium(II)	14024-61-4	$Pd(acac)_2$	304.61	34.92
Tetrakis(triphenylphosphine)palladium(0)	14221-01-3	$Pd(PPh_3)_4$	1155.58	9.20
trans-Dichloro[bis(triphenylphosphine)] palladium(II)	13965-03-2	$Pd(PPh_3)_2Cl_2$	701.94	15.15
trans-Dichloro[bis(tri-o-tolylphosphine)] palladium(II)	40691-33-6	$Pd[P(oTol)_3]_2Cl_2$	786.06	13.53
trans-Dichloro[bis(tricyclohexylphosphine)] palladium(II)	29934-17-6	$Pd(PCy_3)_2Cl_2$	738.18	14.40
Bis(tri-tert-butylphosphine)palladium(0)	53199-31-8	$Pd(tBu_3P)_2$	511.05	20.81
Dichlorobis[di-tert-butyl (4-dimethylaminophenyl) phosphine] palladium(II)	887919-35-9	$Pd(AmPhos)_2Cl_2$	708.07	15.02
Dichloro[1,2-bis(diphenylphosphino) ethane] palladium(II)	19978-61-1	$Pd(dppe)Cl_2$	575.74	18.40
Dichloro[(1,3-bis(diphenylphosphino) propane]palladium(II)	59831-02-6	$Pd(dppp)Cl_2$	589.77	18.04
Dichloro[(1,4-bis(diphenylphosphino) butane]palladium(II)	29964-62-3	$Pd(dppb)Cl_2$	603.80	17.60
Dichloro[1,1'-bis (diphenylphosphinoferrocene)]palladium(II)	72287-26-4	$Pd(dppf)Cl_2$	731.72	14.54
Dichloro[1,1'-bis (diphenylphosphinoferrocene)] palladium(II) dichloromethane adduct	95464-05-4	$Pd(dppf)Cl_2 \cdot CH_2Cl_2$	816.61	13.02
Dichloro[1,1'-bis (diphenylphosphinoferrocene)] palladium(II) acetone adduct	851232-71-8	$Pd(dppf)Cl_2 \cdot ½CH_3COCH_3$	760.7	13.99

Palladium (Contd.)

Product Name	CAS No.	Description	Mol.Wt.	Wt. %
Dichloro[1,1'-bis (di-tert-butylphosphinoferrocene) palladium(II)	95408-45-0	$Pd(dtbpf)Cl_2$	651.75	16.32
Dichloro[bis(2-(diphenylphosphino) phenyl)ether]palladium(II)	205319-06-8	$Pd(DPEPhos)Cl_2$	715.88	14.86
Dichloro[9,9-dimethyl-4,5-bis (diphenylphosphinoxanthene]palladium(II)	205319-10-4	$Pd(XantPhos)Cl_2$	755.95	14.07
Dichloro[(R)-(BINAP)]palladium(II)	115826-95-4	$Pd[(R)\text{-}BINAP]Cl_2$	800.00	13.30
Dichloro[(S)-(BINAP)]palladium(II)	127593-28-6	$Pd[(S)\text{-}BINAP]Cl_2$	800.00	13.30
trans-Dichlorobis (di-tert-butylphenylphosphine) palladium (II)	34409-44-4	$Pd[P(tBu)_2Ph]_2Cl_2$	621.98	17.10
Chloro[(tri-tert-butylphosphine) -2-(2-aminobiphenyl)]palladium(II)	1375325-71-5	$P(tBu)_3Pd$ G2*	512.40	20.76
(2-Dicyclohexylphosphino-2',6'-diisopropoxy-1, 1'-biphenyl) [2- (2'-amino-1,1'-biphenyl)] palladium(II) methanesulfonate	1445085-77-7	RuPhos Pd G3*	836.40	12.72
Chloro(η3-allyl)[bis(1-adamantyl) (n-butyl)phosphine]palladium(II)	2703751-81-7	$PdCl(allyl)(Ad_2(nBu)P)$	541.49	19.54

* Many variants are available

Rhodium

Product Name	CAS No.	Description	Mol.Wt.	Wt. %
Dirhodium tetraacetate (Rhodium acetate dimer)	15956-28-2	$[Rh(OAc)_2]_2$	441.99	46.56
Dirhodium tetraoctanoate (Rhodium octanoate dimer)	73482-96-9	$[Rh(C_7H_{15}COO)_2]_2$	778.63	26.43
Rhodium(III) acetylacetonate	14284-92-5	$Rh(acac)_3$	400.23	25.71
Chloro(1,5-cyclooctadiene) rhodium(I) dimer	12092-47-6	$[Rh(cod)Cl]_2$	493.08	41.74
Chloro(2,5-norbornadiene)rhodium(I) dimer	12257-42-0	$[Rh(nbd)Cl]_2$	460.99	44.64
Bis(1,5-cyclooctadiene)rhodium(I) tetrafluoroborate	35138-22-8	$[Rh(cod)_2]BF_4$	406.07	25.33
Bis(2,5-norbornadiene)rhodium(I) tetrafluoroborate	36620-11-8	$[Rh(nbd)_2]BF_4$	373.99	27.51
Pentamethylcyclopentadienylrhodium (III) chloride dimer	12354-85-7	$[Rh(Cp^*)Cl_2]_2$	618.08	33.30
Chlorotris(triphenylphosphine) rhodium(I) (Wilkinson's catalyst)	14694-95-2	$RhCl(PPh_3)_3$	925.23	11.12
Tris(triphenylphosphine)rhodium(I) carbonyl hydride	17185-29-4	$Rh(H)(CO)(PPh_3)_3$	918.78	11.20
(Acetylacetonato) dicarbonylrhodium (I)	14874-82-9	$Rh(acac)(CO)_2$	258.04	39.90
Acetylacetonatocarbonyltriphenyl phosphinerhodium(I) (ROPAC)	25470-96-6	$Rh(CO)(PPh_3)(acac)$	493.32	20.85
[((S,S)-2-Amino-1,2-diphenylethyl) [(4-tolyl)sulfonyl] amido](chloro) pentamethylcyclopentadienylrhodium(I)	219944-99-7	$Rh[(S,S)\text{-}TsDPEN](Cp^*)Cl$	639.06	16.10
[((R,R)-2-Amino-1,2-diphenylethyl) [(4-tolyl)sulfonyl] amido](chloro)pentamethylcyclopentadienylrhodium(I)	223392-99-2	$Rh[(R,R)\text{-}TsDPEN](Cp^*)Cl$	639.06	16.10

Iridium

Product Name	CAS No.	Description	Mol.Wt.	Wt. %
(1,5-Cyclooctadiene)(methoxy) iridium(I) dimer	12148-71-9	$[Ir(OMe)(cod)]_2$	662.87	58.01
Chloro(1,5-cyclooctadiene)iridium(I) dimer	12112-67-3	$[Ir(cod))Cl]_2$	671.72	57.10

Ruthenium

Product Name	CAS No.	Description	Mol.Wt.	Wt. %
Ruthenium(III) acetylacetonate	14284-93-6	$Ru(acac)_3$	398.39	25.36
Dichloro(1,5-cyclooctadiene) ruthenium(II) polymer	50982-12-2	$[RuCl_2(cod)]_n$	280.16	36.06
Tris(triphenylphosphine)ruthenium(II) dichloride	15529-49-4	$RuCl_2(PPh_3)_3$	958.83	10.50
Dichloro(p-cymene)ruthenium(II) dimer	52462-29-0	$[(p\text{-cymene})RuCl_2]_2$	612.39	33.00
Diiodo(p-cymene)ruthenium(II) dimer	90614-07-6	$[(p\text{-cymene})RuI_2]_2$	978.19	20.66
Chloro[(R)-(BINAP)](p-cymene) ruthenium(II) chloride	145926-28-9	[((R)-BINAP)RuCl (p-cymene)]Cl	928.87	10.88
Chloro[(S)-(BINAP)](p-cymene) ruthenium(II) chloride	130004-33-0	[((S)-BINAP)RuCl (p-cymene)]Cl	928.87	10.88
((S,S)-2-Amino-1,2-diphenylethyl)[(4-tolyl) sulfonyl]amido](chloro)(p-cymene)ruthenium(II)	192139-90-5	RuCl(p-cymene) [(S,S)-Ts-DPEN]	636.21	15.88
((R,R)-2-Amino-1,2-diphenylethyl)[(4-tolyl)sulfonyl] amido](chloro)(p-cymene)ruthenium(II)	192139-92-7	RuCl(p-cymene) [(R,R)-Ts-DPEN]	636.21	15.88

Platinum

Product Name	CAS No.	Description	Mol.Wt.	Wt. %
Tetrakis(triphenylphosphine)platinum(0)	14221-02-4	$Pt(PPh_3)_4$	1244.21	15.68
Tris(dibenzylideneacetone)platinum(0)	11072-92-7	$Pt(dba)_3$	897.96	21.70
Bis(acetylacetonato)platinum(II)	15170-57-7	$Pt(acac)_2$	393.29	49.60
Dihydrogen hexahydroxyplatinate(IV)	51850-20-5	Platinic Acid | $H_2Pt(OH)_6$	299.14	65.21
Dichloro(1,5-cyclooctadiene)platinum(II)	12080-32-9	$Pt(cod)Cl_2$	374.16	52.13
Karstedt catalyst solutions (in Toluene/Xylene/Hexane)	68478-92-2	$O[Si(CH_3)_2CH{=}CH_2]_2Pt$	x	1.00-5.00

Hindustan Platinum's state-of-the art manufacturing facility, supported by advanced R&D capabilities and efficient recovery process; drives global innovation in homogeneous catalysis.

We are proud to offer Buchwald's cross-coupling technology under license from Massachusetts Institute of Technology (MIT)

New products will be continuously added to our range, please ask us directly for enquiries.

For more information, please contact us at cc.sales@hp.co.in

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