

贵金属催化剂产品清单

钯催化剂

品名	CAS	货号
Palladium(II) benzoate, 98% 苯甲酸钯(II)	3375-32-4	1094129
[(R)-(+)-2,2'-Bis(diphenylphosphino)-1,1'-binaphthyl]palladium(II) chloride, 98% [(R)-(+)-二(联苯基膦)联萘]氯化钯(II)	115826-95-4	128631
Dichloro(N,N,N',N'-tetramethylethylenediamine)palladium(II), 99% 二氯(N,N,N',N'-四甲基乙二胺)钯	14267-08-4	137791
Bis(4-methoxyphenyl)phosphine, 95% 双(4-甲氧苯基)膦	84127-04-8	1435921
Chloro(2'-amino-1,1'-biphenyl-2-yl)palladium(II) dimer, 97% 氯(2'-氨基-1,1'-联苯-2-基)钯(II)二聚体	847616-85-7	1443256
Chloro(2-dicyclohexylphosphino-2',6'-di-i-propoxy-1,1'-biphenyl)(2-amino-1,1'-biphenyl-2-yl)palladium(II), 98% 氯(2-二环己基膦基-2',6'-二-异丙氧基-1,1'-联苯基)(2-氨基-1,1'-联苯-2-基)钯(II)	1375325-68-0	1484800
Dibromo(1,5-cyclooctadiene)palladium(II), 98% (1,5-环辛二烯)溴化钯	12145-47-0	1711702
Methanesulfonato[1,1'-bis(diphenylphosphino)ferrocene]](2'-amino-1,1'-biphenyl-2-yl)palladium(II), 98% 甲磺酰氧基[1,1'-双(二苯基膦基)二茂铁]](2'-氨基-1,1'-联苯-2-基)钯(II)	1445086-28-1	1880157
(2,2'-Bipyridine)dichloropalladium(II), 97% (2,2'-联吡啶)二氯化钯(II)	14871-92-2	198338
Chloro(crotyl)(tri-tert-butylphosphine)palladium(II), 98% 氯(巴豆基)(三-叔-丁基膦)钯(II)	1334497-00-5	2111640
2,5-Norbornadiene palladium(II) dichloride, 97% 2,5-降冰片二烯钯(II)二氯化物	12317-46-3	219387
Methanesulfonato(diadamantyl-N-butylphosphino)-2'-amino-1,1'-biphenyl-2-yl)palladium(II), 97% 甲烷磺酸[正丁基二(1-金刚烷基)膦](2-氨基-1,1'-联苯-2-基)钯	1651823-59-4	2324089
1,3-Bis[2,6-bis(1-ethylpropyl)phenyl]-2H-imidazole;3-chloropyridine;dichloropalladium, 98% [1,3-双(2,6-二-3-戊基苯基)咪唑-2-亚基](3-氯吡啶基)二氯化钯(II)	1158652-41-5	2667676
Potassium hexachloropalladate(IV), 99% 六氯钯酸钾	16919-73-6	320409
Palladium(II) bromide, 99% 溴化钯	13444-94-5	373191
Diammine dichloropalladium, 97% 二氯二氨钯	13782-33-7	516546
Bis(3,5,3',5'-dimethoxydibenzylideneacetone)palladium(0), 96% 双(3,5,3',5'-二甲氧基二亚苄基丙酮)钯(0)	811862-77-8	622841

品名	CAS	货号
(1,1'-Bis(diisopropylphosphino)ferrocene)dichloropalladium, 98% 1,1'-双(二异丙基膦基)二茂铁二氯化钯(II)	215788-65-1	807871
Allylchloro[1,3-bis(2,6-di-i-propylphenyl)imidazol-2-ylidene]palladium(II), 98% 烯丙基氯化[1,3-双(2,6-二异丙基苯)咪唑-2-基]钯	478980-03-9	903057
Dicyclohexyl(2',4',6'-triisopropyl-3,6-dimethoxy-[1,1'-biphenyl]-2-yl)phosphine-(2-(2-aminoethyl)phenyl)palladium(II) chloride, 97% 二环己基(2',4',6'-三异丙基-3,6-二甲氧基-[1,1'-联苯基]-2-基)膦-(2-(2-氨基乙基)苯基)钯(II)氯化物	1148148-01-9	910580
XPhos Pd G1, 98% 氯(2-二环己基膦基-2',4',6'-三异丙基-1,1'-联苯)[2-(2-氨基乙基苯基)]钯(II)	1028206-56-5	921146
PCy Pd G4, 95% 甲烷磺酸(三环己基膦)(2'-甲胺基-1,1'-联苯-2-基)钯(II)	2195390-53-3	922244
[2'-(Amino-κN)][1,1'-biphenyl]-2-yl-κC][2'-[[1,1-dimethylethyl]phenylphosphino-κP]-N2,N2,N6,N6-tetramethyl[1,1'-biphenyl]-2,6-diamine](methanesulfonato-κO)palladium, 97% [2'-(氨基-η)[1,1'-联苯]-2-甲基-κ][2'-[[1,1-二甲基乙基]苯基膦酰基]-n2,n2,n6,n6-四甲基[1,1'-联苯]-2,6-二胺](甲基磺酰-o)钯	1661042-31-4	922279
Methanesulfonato{N-[2-(di-1-adamantylphosphino)phenyl]morpholine}(2'-amino-1,1'-biphenyl-2-yl)palladium(II) dichloromethane adduct, 97% 甲磺酸盐(2-(二-1-金刚烷膦)吗啉苯)[2-(2'-氨基-1,1'-联苯)]钯(II)	2222690-89-1	922817
(SP-4-1)-[1,3-Bis[[2,6-bis(1-propylbutyl)phenyl]-4,5-dichloro-1,3-dihydro-2H-imidazol-2-ylidene]dichloro(3-chloropyridine-κN)-palladium, 98% (SP-4-1)-[1,3-双[[2,6-双(1-丙基丁基)苯基]-4,5-二氯-1,3-二氢-2H-咪唑-2-亚基]二氯(3-氯吡啶-κN)-钯	1814936-54-3	9274227
Palladium(II) nitrate hydrate, 99.9% 硝酸钯(II) 水合物	207596-32-5	929332
(SP-4-1)-[1,3-Bis[[2,6-bis(1-ethylpropyl)phenyl]-4,5-dichloro-1,3-dihydro-2H-imidazol-2-ylidene]dichloro(2-methylpyridine)palladium, 97% (SP-4-1)-[1,3-双[[2,6-双(1-乙基丙基)苯基]-4,5-二氯-1,3-二氢-2H-咪唑-2-亚基]二氯(2-甲基吡啶)钯	1612891-29-8	9346752
Dichloro[9,9-dimethyl-4,5-bis(diphenylphosphino)xanthene]palladium(II), 98% 4,5-双二苯基膦-9,9-二甲基氧杂蒽二氯化钯	205319-10-4	935038
Chloro[(di(1-adamantyl)-N-butylphosphine)-2-(2-aminobiphenyl)]palladium(II), 97% 氯[[二(1-金刚烷基)膦]-2-(2-氨基联苯)]钯(II)	1375477-29-4	945873
Mesylate[(di(1-adamantyl)-N-butylphosphine)-2-(2'-amino-1,1'-biphenyl)]palladium(II), 98% 甲磺酸[正丁基二(1-金刚烷基)膦](2'-甲胺基-1,1'-联苯-2-基)钯(II)	2230788-67-5	960140
trans-Bis(acetato)bis[2-[[bis(2-methylphenyl)phosphino]benzyl]dipalladium(II), 98% 反式二-(M)-双[2-(二邻甲苯基膦)苄基]乙酸二钯(II)	172418-32-5	968534

品名	CAS	货号
Palladium, [1,3-bis[[2,6-bis(1-methylethyl)phenyl]-1,3-dihydro-2H-imidazol-2-ylidene]dichloro (1-methyl-1H-imidazole-κN3)-, (SP-4-1)-, 98% [1,3-双(2,6-二-异丙基苯基)-4,5-二氢咪唑-2-亚基]氯[[3-苯基烯丙基]钯(II)]	1314876-23-7	983618
Palladium(II) oxide 氧化钯(II)	1314-08-5	997369
(SP-4-1)-[1,3-Bis[[2,6-bis(1-methylethyl)phenyl]-2-imidazolidinylidene]dichloro(1- methyl-1H-imidazole-κN3)palladium, 98% (SP-4-1)-[1,3-双[[2,6-双(1-甲基乙基)苯基]-2-咪唑烷亚基]二氯(1-甲基-1H-咪唑 -κN3)钯	1537172-94-3	9493447
(SP-4-1)-[1,3-Bis[[2,6-bis(1-methylethyl)phenyl]-1,3-dihydro-4,5-dimethyl-2H-imid azol-2-ylidene]dichloro(3-chloropyridine-κN)palladium, 98% (SP-4-1)-[1,3-双[[2,6-双(1-甲基乙基)苯基]-1,3-二氢-4,5-二甲基-2H-咪唑-2-亚基]二 氯(3-氯吡啶-κN)钯	1435347-21-9	9493494
(SP-4-1)-[7,9-Bis[[2,6-bis(1-methylethyl)phenyl]-7,9-dihydro-8H-acenaphth[1,2-d] imidazol-8-ylidene]dichloro(1-methyl-1H-imidazole-κN3)palladium, 98% (SP-4-1)-[7,9-双[[2,6-双(1-甲基乙基)苯基]-7,9-二氢-8H-萘并[1,2-d]咪唑-8-亚基]二 氯(1-甲基-1H-咪唑-κN3)钯	2766213-07-2	9493495
(SP-4-1)-Dichloro[1,3-dihydro-1,3-bis(2,4,6-trimethylphenyl)-2H-imidazol-2-yliden e](1-methyl-1H-imidazole-κN3)palladium, 97% (SP-4-1)-二氯[1,3-二氢-1,3-双(2,4,6-三甲基苯基)-2H-咪唑-2-亚基](1-甲基-1H-咪 唑-κN3)钯	1314876-24-8	9537129
(SP-4-1)-Dichloro(3-chloropyridine-κN)[1,3-dihydro-1,3-bis(2,4,6-trimethylphenyl) -2H-imidazol-2-ylidene]palladium, 97% (SP-4-1)-二氯(3-氯吡啶-κN)[1,3-二氢-1,3-双(2,4,6-三甲基苯基)-2H-咪唑-2-亚基] 钯	905459-29-2	9537130
(SP-4-1)-[1,3-Bis(2,4,6-trimethylphenyl)-2-imidazolidinylidene]dichloro(1-methyl- 1H-imidazole-κN3)palladium, 97% (SP-4-1)-[1,3-双(2,4,6-三甲基苯基)-2-咪唑烷亚基]二氯(1-甲基-1H-咪唑-κN3)钯	1537172-97-6	9537131
(SP-4-1)-[1,3-Bis(2,4,6-trimethylphenyl)-2-imidazolidinylidene]dichloro(3-chlorop yridine-κN)palladium, 98% (SP-4-1)-[1,3-双(2,4,6-三甲基苯基)-2-咪唑烷亚基]二氯(3-氯吡啶-κN)钯	927706-58-9	9537132
[1,3-Bis[[2,6-bis(1-ethylpropyl)phenyl]-1,3-dihydro-2H-imidazol-2-ylidene]chloro[(1,2,3-η)-1-phenyl-2-propen-1-yl]palladium, 97% 氯[(1,2,3-H)-1-苯基-2-丙烯-1-基]-{[1,3-双[[2,6-双(1-乙基丙基)苯基]-1,3-二氢-2H- 咪唑-2-亚基]合钯(II)}	1609194-27-5	9537133
Dichloro(1,10-phenanthroline)palladium(II), 98% 二氯(1,10-菲咯啉)钯(II)	14783-10-9	116598
Methanesulfonato 2-dicyclohexylphosphino-2-(N,N-dimethylamino)biphenyl(2'-amino-1,1'-biphenyl- 2-yl) palladium(II), 98% 甲烷磺酸(2-二环己基膦基-N,N-二甲胺基-1,1'-联苯基)(2'-氨基-1,1'-联苯-2-基)钯(II)	1621274-13-2	9279529

品名	CAS	货号
Al ₂ O ₃ -Pd, Pd content approx. 0.2 weight % 氧化铝基负载钯	/	9400665
Hexakis(palladium)tetracosakis[μ-[[2-(3-pyridinyl-κN)-1H-imidazo[[4,5-f][1,10]phenanthroline-κN7,κN8]]]octaruthenium(28+), 95% MOC-16	1582271-22-4	9521099

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品名	CAS	货号
Hydrido(dimethylphosphinous acid-kP)[hydrogen bis(dimethylphosphinito-kP)]platinum(II), 95%, Ghaffar-Parkins catalyst 氢化(二甲基次膦酸-kP)[氢双(二甲基次膦酸-kP)]铂(II)	173416-05-2	1094140
Tris(dibenzylideneacetone)diplatinum(0), 98% 三(二亚苄基丙酮)二铂(0)	63782-74-1	1513394
Dinitrodiammineplatinum ammoniacal, Pt 59 - 63.9% 二亚硝基二氨铂	14286-02-3	954358
Potassium hexachloroplatinate, 99.9% 氯铂酸钾	16921-30-5	982312
Platinum, [1,3-bis[[2,6-bis(1-methylethyl)phenyl]-2-imidazolidinylidene][1,3-bis(η ² -ethenyl)-1,1,3,3-tetramethyldisiloxane], 98% 铂,[1,3-双[[2,6-双(1-甲基乙基)苯基]-2-咪唑烷亚基][1,3-双(η ² -乙烯基)-1,1,3,3-四甲基二硅氧烷]	873311-51-4	1541124
[1,3-Bis[[2,6-bis(1-methylethyl)phenyl]-1,3-dihydro-2H-imidazol-2-ylidene][1,3-bis(η ² -ethenyl)-1,1,3,3-tetramethyldisiloxane]platinum, 98% [1,3-双[[2,6-双(1-甲基乙基)苯基]-1,3-二氢-2H-咪唑-2-亚基][1,3-双(η ² -乙烯基)-1,1,3,3-四甲基二硅氧烷]铂	849830-54-2	1541123
[1,3-Bis(η ² -ethenyl)-1,1,3,3-tetramethyldisiloxane][1,3-dihydro-1,3-bis(2,4,6-trimethylphenyl)-2H-imidazol-2-ylidene]platinum, 99% [1,3-双(η ² -乙烯基)-1,1,3,3-四甲基二硅氧烷][1,3-二氢-1,3-双(2,4,6-三甲基苯基)-2H-咪唑-2-亚基]铂	441018-47-9	9537134
Platinum, [1,3-bis(η ² -ethenyl)-1,1,3,3-tetramethyldisiloxane][1,3-bis(2,4,6-trimethylphenyl)-2-imidazolidinylidene]-, 95% 铂,[1,3-双(η ² -乙烯基)-1,1,3,3-四甲基二硅氧烷][1,3-双(2,4,6-三甲基苯基)-2-咪唑烷亚基]	873311-49-0	9537135
cis-Bis(acetonitrile)dichloroplatinum(II), 98% 顺-双(乙腈)二氯铂(II)	13869-38-0	122258
Dichloro(norbornadiene)platinum(II), 98% 二氯(去菠二烯)铂(II)	12152-26-0	270733
Dichlorobis(benzonitrile)platinum(II), 98% 双(氰苯)二氯铂(II)	14873-63-3	343648

品名	CAS	货号
(2,2'-Bipyridine)dichloroplatinum(II), 98% (2,2'-联吡啶)二氯化铂(II)	13965-31-6	572237
(1,1'-Bis(diphenylphosphino)ferrocene)dichloroplatinum(II), 98% [1,1'-双(二苯基膦)二茂铁]二氯化铂(II)	104413-90-3	9222769
Al ₂ O ₃ -Pt, Pt content approx. 0.2 weight % 氧化铝基负载铂	/	9400668
Pt(IV) -1, 95% 四价铂前药-1	/	9448323
Pt(IV) -2, 95% 四价铂前药-2	/	9448324
Pt(IV) -3, 95% 四价铂前药-3	/	9448325

金催化剂

品名	CAS	货号
Chloro(tetrahydrothiophene)gold(I), 98% 氯(四氢噻吩)金(I)	39929-21-0	1822379
[1,3-Bis(2,6-di-i-propylphenyl)imidazol-2-ylidene][bis(trifluoromethanesulfonyl)imide]gold(I), 98% [1,3-双(2,6-二异丙基苯基)咪唑-2-亚基][双(三氟甲磺酰基)酰亚胺]金(I)	951776-24-2	1871860
[1,3-Bis[[2,6-bis(1-methylethyl)phenyl]-1,3-dihydro-4,5-dimethyl-2H-imidazol-2-ylidene]chlorogold, 98% 氯{1,3-双[[2,6-双(1-甲基乙基)苯基]-1,3-二氢-4,5-二甲基-2H-咪唑-2-亚基]金(I)}	1192141-66-4	2463984
[1,3-Bis[[2,6-bis(1-methylethyl)phenyl]-1,3-dihydro-2H-imidazol-2-ylidene]hydroxygold, 98% [1,3-双[[2,6-双(1-甲基乙基)苯基]-1,3-二氢-2H-咪唑-2-亚基]羟基金	1240328-73-7	1429003
Al ₂ O ₃ -Au, Au content approx. 0.2 weight % 氧化铝基负载金	/	9400669
Gold nanocluster, 99% 金团簇	/	9419271

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品名	CAS	货号
Acetylacetonatobis(cyclooctene)rhodium(I), 97% 乙酰丙酮双(环辛烯)铑(I)	34767-55-0	539705
(Acetylacetonato)(1,5-cyclooctadiene)rhodium(I), 98% (1,5-环辛二烯)2,4-戊二酮铑(I)	12245-39-5	928309
Pentamethylcyclopentadienylrhodium(III) chloride dimer, 99% 二氯(五甲基环戊二烯基)合铑(III)二聚体	12354-85-7	976245
Carbonyl-2,4-pentanedionato(triphenylphosphine)rhodium(I), 98% 羰基乙酰丙酮(三苯基膦基)铑(I)	25470-96-6	988115

品名	CAS	货号
Formylbis(triphenylphosphoranyl)rhodium(IV) chloride, Rh $\geq$ 14.45% 三苯基膦羰基氯化铑	13938-94-8	170931
Rhodium(II) trifluoroacetate dimer, 99%, for synthesis 三氟乙酸铑(II)二聚体	31126-95-1	919172
Bis(norbornadiene)rhodium(I) tetrafluoroborate, 98% 双(降冰片二烯)四氟硼酸铑(I)	36620-11-8	951479
Hydroxy(1,5-cyclooctadiene)rhodium(I) dimer, 97% 二聚合羟基(1,5-环辛二烯)铑(I)	73468-85-6	210766
Al ₂ O ₃ -Rh, Rh content approx. 0.2 weight % 氧化铝基负载铑	/	9400664

钌催化剂

品名	CAS	货号
Diacetato{(R)-(-)-5,5'-bis[di(3,5-di-t-butyl-4-methoxyphenyl)phosphino]-4,4'-bi-1,3-benzodioxole}ruthenium(II) Ru(OAc) ₂ [(R)-dtbm-segphos], 97% 二乙酰{(R)-(-)-5,5'-双[二(3,5-二叔丁基-4-甲氧基苯基)膦]-4,4'-二-1,3-苯并二恶唑}钌(II)	1025477-38-6	1001099
Zhan catalyst-1B, 96% 詹氏催化剂	918870-76-5	111180
[N-[[[(1R, 2R)-1,2-diphenyl-2-[[3-(ETa6-phenyl) propyl] amino] ethyl]-4-methylbenzenesulfonamide] ruthenium chloride, 95% [N-[[[(1R,2R)-1,2-二苯基-2-[[[3-(ETa6-苯基)丙基]氨基]乙基]-4-甲基苯磺酰胺]氯化钌	1192620-83-9	1581567
N-[[[(1R,2R)-1,2-Diphenyl-2-(2-(4-methylbenzyloxy)ethylamino)-ethyl]-4-methylbenzene sulfonamide(chloro)ruthenium(II), Ru:12%-17% N-[[[(1R,2R)-1,2-二苯基-2-(2-(4-甲基苄氧基)乙基氨基)乙基]-4-甲基苯磺酰胺(氯)钌(II)	1333981-84-2	780651
Pentamethylcyclopentadienylbis(triphenylphosphine)ruthenium(II) chloride, 97% 五甲基环戊二烯基双(三苯基膦)氯化钌(II)	92361-49-4	789078
Chloro[(R)-(+)-5,5'-bis(diphenylphosphino)-4,4'-bi-1,3-benzodioxole](p-cymene)ruthenium(II) Chloride, 98% 氯[(R)-5,5'-双(二苯基膦)-4,4'-二-1,3-苯并二噁茂](p-伞花素)氯化钌(II)	944451-28-9	807510
RuCl[(S,S)-Tsdpen](mesitylene), 95% {[(1S,2S)-(+)-2-氨基-1,2-二苯乙基](4-甲基苯磺酰基)酰胺基}(均三甲苯)氯化钌(II)	174813-81-1	890584
RuCl[(R,R)-TsDPEN](mesitylene), 98% {[(1R,2R)-(-)-2-氨基-1,2-二苯乙基](4-甲基苯磺酰基)酰胺基}(均三甲苯)氯化钌(II)	174813-82-2	890583
Ruthenium(III) acetate, 99% 醋酸钌(III)	72196-32-8	903419
Tris(acetonitrile)cyclopentadienylruthenium(II) hexafluorophosphate, 98% 三(乙腈基)环戊二烯六氟磷酸钌	80049-61-2	952998
Diiodo(p-cymene)ruthenium(II) dimer, 97% 二碘(对伞花烃)钌(II)二聚体	90614-07-6	976514

品名	CAS	货号
[(S)-2,2'-Bis(diphenylphosphino)-1,1'-binaphthyl]ruthenium(II) Dichloride, 97% [(S)-2,2'-双(二苯基磷)-1,1'-联萘]二氯化钌(II)	134524-84-8	988129
(S)-RuCl[(p-cymene)(BINAP)]Cl, 98% 氯代[(S)-(-)-2,2'-二(二苯基磷)-1,1'-联萘](P-伞花素)氯化钌(II)	130004-33-0	992086
[(R,R)-N-(2-Amino-1,2-diphenylethyl)-p-toluenesulfonamide]chloro(p-cymene)ruthenium(II), Chloro(p-cymene)[(R,R)-N-(p-toluenesulfonyl)-1,2-diphenylethylenediamine]ruthenium(II), 98% (R,R)-N-(对甲苯磺酰)-1,2-二苯乙烷二胺(对异丙基苯)氯化钌	192139-92-7	999433
Tris(2,2'-bipyridine)ruthenium dichloride, 98% 三(2,2'-联吡啶)二氯化钌	14323-06-9	921652
Al ₂ O ₃ -Ru, Ru content approx. 0.2 weight % 氧化铝基负载钌	/	9400663
SiO ₂ -Ru, Ru content approx. 0.2 weight % 氧化硅基负载钌	/	9400675
TiO ₂ -Ru, Ru content approx. 0.2 weight % 氧化钛基负载钌	/	9400682
Tris(1,10-phenanthroline)ruthenium, 98% 三(1,10-菲咯啉)钌	19368-51-5	9405852

铱催化剂

品名	CAS	货号
Hydrogen hexachloroiridate(IV) hydrate 氯铱酸(IV)水合物	110802-84-1	484897
Chlorobis(cyclooctene)iridium(I)dimer, 97% 氯二(环辛烯)铱(I)二聚体	12246-51-4	924295
(2,2'-Bipyridine)bis[2-pyridinyl-kN]phenyl-kc]iridium(III) hexafluorophosphate, 98% (2,2'-联吡啶)双(2-苯基吡啶)铱(III)六氟磷酸盐	106294-60-4	906847
Al ₂ O ₃ -Ir, Ir content approx. 0.2 weight % 氧化铝基负载铱	/	9400667

银催化剂

品名	CAS	货号
Silver sulfide, 99.999%, metal basis 硫化银	21548-73-2	354674
Silver sulfate, 99.7% 硫酸银	10294-26-5	928877
Chloro[1,3-bis(2,6-diisopropylphenyl)imidazol-2-ylidene]silver, 99% 氯[1,3-双(2,6-二异丙基苯基)咪唑-2-亚基]银	873297-19-9	991052

品名	CAS	货号
Triethylphosphine(6,6,7,7,8,8,8-heptafluoro-2,2-dimethyl-3,5-octanedionate)silver(I), 98% 三乙基膦(6,6,7,7,8,8,8,七氟-2,2-二甲基-3,5-辛二酸二乙酯)银(I)	165461-74-5	1094132
Al ₂ O ₃ -Ag, Ag content approx. 0.2 weight % 氧化铝基负载银	/	9400666
SiO ₂ -Ag, Ag content approx. 0.2 weight % 氧化硅基负载银	/	9400676
TiO ₂ -Ag, Ag content approx. 0.2 weight % 氧化钛基负载银	/	9400683