



Versatility of the DuPhos and BPE Ligand Systems in Asymmetric Catalytic Hydrogenation

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Phosphorus					
15-0097	(-)-1,2-Bis((2R,5R)-2,5-diethylphospholano) benzene, 98+% (R,R)-Et-DUPHOS [136705-64-1]	100mg 500mg 2g	15-0098	(+)-1,2-Bis((2S,5S)-2,5-diethylphospholano) benzene, 98+% (S,S)-Et-DUPHOS [136779-28-7]	100mg 500mg 2g
15-0101	(+)-1,2-Bis((2R,5R)-2,5-diethylphospholano) ethane, 98+% (R,R)-Et-BPE [136705-62-9]	100mg 500mg 2g	15-0102	(-)-1,2-Bis((2S,5S)-2,5-diethylphospholano) ethane, 98+% (S,S)-Et-BPE [136779-27-6]	100mg 500mg 2g
15-0096	(-)-1,2-Bis((2R,5R)-2,5-dimethylphospholano) benzene, 98+% (R,R)-Me-DUPHOS [147253-67-6]	100mg 500mg 2g	15-0092	(+)-1,2-Bis((2S,5S)-2,5-dimethylphospholano) benzene, 98+% (S,S)-Me-DUPHOS [136735-95-0]	100mg 500mg 2g
15-0104	(+)-1,2-Bis((2R,5R)-2,5-dimethylphospholano) ethane, 98+% (R,R)-Me-BPE [129648-07-3]	100mg 500mg 2g	15-0105	(-)-1,2-Bis((2S,5S)-2,5-dimethylphospholano) ethane, 98+% (S,S)-Me-BPE [136779-26-5]	100mg 500mg 2g
15-0410	(+)-1,2-Bis((2R,5R)-2,5-di-i-propylphospholano) benzene, 98+% (R,R)-i-Pr-DUPHOS [136705-65-2]	100mg 500mg 2g	15-0411	(-)-1,2-Bis((2S,5S)-2,5-di-i-propylphospholano) benzene, 98+% (S,S)-i-Pr-DUPHOS [147253-69-8]	100mg 500mg 2g
15-0473	(-)-1,2-Bis((2R,5R)-2,5-diphenylphospholano) ethane, min. 98% (R,R)-Ph-BPE [528565-79-9]	100mg 500mg 2g	15-0474	(+)-1,2-Bis((2S,5S)-2,5-diphenylphospholano) ethane, min. 98% (S,S)-Ph-BPE [824395-67-7]	100mg 500mg 2g
Rhodium					
96-4730	(R,R)-Duphos and BPE Rhodium Catalyst Kit Components available for individual sale. Contains 100mg of the following 7 items:	1kit	96-4731	(S,S)-Duphos and BPE Rhodium Catalyst Kit Components available for individual sale. Contains 100mg of the following 7 items:	1kit
45-0148	(-)-1,2-Bis((2R,5R)-2,5-diethylphospholano) benzene(cyclooctadiene)rhodium(I) tetrafluoroborate, 98+% (R,R)-Et-DUPHOS-Rh [228121-39-9]	100mg 500mg 2g	45-0149	(+)-1,2-Bis((2S,5S)-2,5-diethylphospholano) benzene(cyclooctadiene)rhodium(I) tetrafluoroborate, 98+% (S,S)-Et-DUPHOS-Rh [213343-64-7]	100mg 500mg 2g
45-0150	(-)-1,2-Bis((2R,5R)-2,5-diethylphospholano) benzene(cyclooctadiene)rhodium(I) trifluoromethanesulfonate, 98+% (R,R)-Et-DUPHOS-Rh [136705-77-6]	100mg 500mg 2g	45-0151	(+)-1,2-Bis((2S,5S)-2,5-diethylphospholano) benzene(cyclooctadiene)rhodium(I) trifluoromethanesulfonate, 98+% (S,S)-Et-DUPHOS-Rh [142184-30-3]	100mg 500mg 2g
45-0158	(-)-1,2-Bis((2R,5R)-2,5-dimethylphospholano) benzene(cyclooctadiene)rhodium(I) tetrafluoroborate, 98+% (R,R)-Me-DUPHOS-Rh [210057-23-1]	100mg 500mg 2g	45-0159	(+)-1,2-Bis((2S,5S)-2,5-dimethylphospholano) benzene(cyclooctadiene)rhodium(I) tetrafluoroborate, 98+% (S,S)-Me-DUPHOS-Rh [205064-10-4]	100mg 500mg 2g
45-0160	(-)-1,2-Bis((2R,5R)-2,5-dimethylphospholano) benzene(cyclooctadiene)rhodium(I) trifluoromethanesulfonate, 98+% (R,R)-Me-DUPHOS-Rh [187682-63-9]	100mg 500mg 2g	45-0161	(+)-1,2-Bis((2S,5S)-2,5-dimethylphospholano) benzene(cyclooctadiene)rhodium(I) trifluoromethanesulfonate, 98+% (S,S)-Me-DUPHOS-Rh [136705-75-4]	100mg 500mg 2g
45-0168	(+)-1,2-Bis((2R,5R)-2,5-dimethylphospholano) ethane(cyclooctadiene)rhodium(I) tetrafluoroborate, 98+% (R,R)-Me-BPE-Rh [305818-67-1]	100mg 500mg 2g	45-0169	(-)-1,2-Bis((2S,5S)-2,5-dimethylphospholano) ethane(cyclooctadiene)rhodium(I) tetrafluoroborate, 98+% (S,S)-Me-BPE-Rh [213343-65-8]	100mg 500mg 2g
45-0201	(-)-1,2-Bis((2R,5R)-2,5-diphenylphospholano)thane(1,5-cyclooctadiene)rhodium(I) tetrafluoroborate, min. 98% (R,R)-Ph-BPE-Rh [528565-84-6]	100mg 500mg 2g	45-0202	(+)-1,2-Bis((2S,5S)-2,5-diphenylphospholano) ethane(1,5-cyclooctadiene)rhodium(I) tetrafluoroborate, min. 98% (S,S)-Ph-BPE-Rh	100mg 500mg 2g
45-0210	(+)-1,2-Bis((2R,5R)-2,5-di-i-propylphospholano) benzene(1,5-cyclooctadiene)rhodium(I) tetrafluoroborate, min. 98% (R,R)-i-Pr-DUPHOS-Rh [569650-64-2]	100mg 500mg 2g	45-0211	(-)-1,2-Bis((2S,5S)-2,5-di-i-propylphospholano) benzene(1,5-cyclooctadiene)rhodium(I) tetrafluoroborate, min. 98% (S,S)-i-Pr-DUPHOS-Rh	100mg 500mg 2g

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