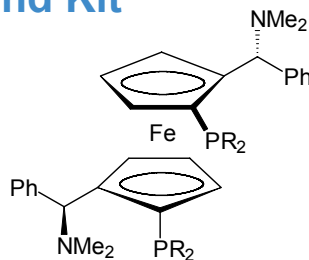


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Solvias MandyPhos™ Ligand Kit

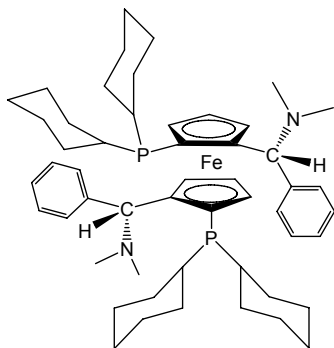
Catalog # 96-3652

1 Kit



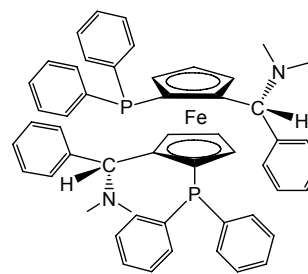
Components include:

Cat. # 26-0240



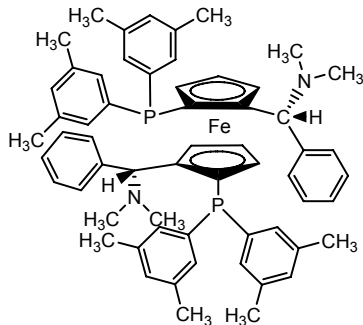
100mg

Cat. # 26-0252



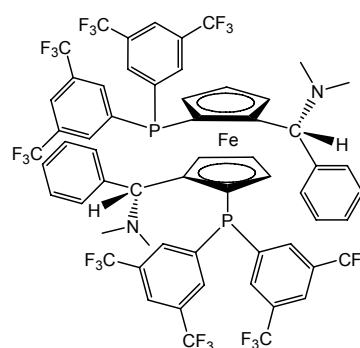
100mg

Cat. # 26-0246



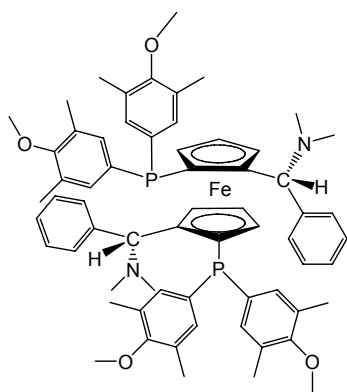
100mg

Cat. # 26-0244



100mg

Cat. # 26-0248



100mg

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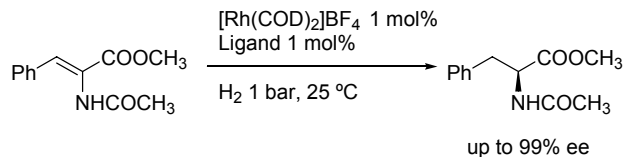
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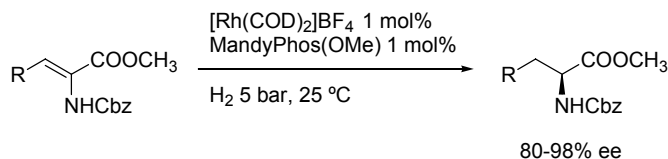
26-0240	(S,S)-(+)-2,2'-Bis[(R)-(N,N-dimethylamino)(phenyl)methyl]-1,1'-bis(dicyclohexylphosphino)ferrocene, min. 97% [494227-35-9] C ₅₂ H ₇₄ FeN ₂ P ₂ ; FW: 844.95; orange-red solid; [α] _D +54.6° (c 1.0, CHCl ₃)	100mg 500mg 2g 10g
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Technical Notes:

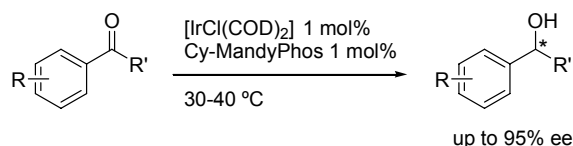
1. Ligand for Rh-catalyzed asymmetric hydrogenation of α-acetamidoacrylates.
2. Ligand for Rh-catalyzed hydrogenation of α- and β-enamides, acrylic acid derivatives, itaconates, β-ketoesters and 1,3-diketones.
3. Ligand for Rh-catalyzed asymmetric hydrogenation of furyl-substituted (Z)-dehydroamino acid derivatives.
4. Ligand for Ir-catalyzed asymmetric transfer hydrogenation of ketones.
5. Ligand for Cu-catalyzed enantioselective hydroboration of α- and β-unsaturated esters and nitriles.



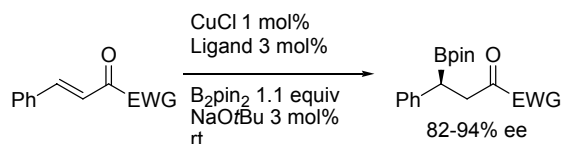
Tech. Note (1)
Ref. (2)



Tech. Note (3)
Ref. (4)



Tech. Note (4)
Ref. (5)



Tech. Note (5)
Ref. (6)

References:

1. *Chem. Eur. J.*, **1998**, *4*, 950.
2. *Tetrahedron-Asymmetr.*, **1999**, *10*, 375.
3. *Tetrahedron-Asymmetr.*, **2004**, *15*, 2299.
4. *Chem. Eur. J.*, **2006**, *12*, 5376.
5. *Chem. Eur. J.*, **2008**, *14*, 10388.
6. *Angew. Chem. Int. Ed.*, **2008**, *47*, 145.

26-0246	(S,S)-(-)-2,2'-Bis[(R)-(N,N-dimethylamino)(phenyl)methyl]-1,1'-bis(di(3,5-dimethylphenyl)phosphino)ferrocene, min. 97% [793718-16-8] C ₆₀ H ₆₆ FeN ₂ P ₂ ; FW: 932.99; orange powder.	100mg 500mg 2g 10g
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Technical Note:

1. See 26-0240.

26-0248	(S,S)-(-)-2,2'-Bis[(R)-(N,N-dimethylamino)(phenyl)methyl]-1,1'-bis(di(3,5-dimethyl-4-methoxyphenyl)phosphino)ferrocene, min. 97% [876608-69-4] C ₆₄ H ₇₄ FeN ₂ O ₄ P ₂ ; FW: 1053.08; orange-red solid; [α] _D -61.5° (c 1.0, CHCl ₃)	100mg 500mg 2g 10g
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Technical Note:

1. See 26-0240.

26-0252	(S,S)-(-)-2,2'-Bis[(R)-(N,N-dimethylamino)(phenyl)methyl]-1,1'-bis(diphenylphosphino)ferrocene, min. 97% [174467-31-3] C ₅₂ H ₅₀ FeN ₂ P ₂ ; FW: 820.76; orange-red solid; [α] _D -320.0° (c 1.0, CHCl ₃)	100mg 500mg 2g 10g
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Technical Note:

1. See 26-0240.

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26-0244	(S,S)-(-)-2,2'-Bis[(R)-(N,N-dimethylamino)(phenyl)methyl]-1,1'-bis[di(3,5-trifluoromethylphenyl)phosphino]ferrocene, min. 97% [494227-36-0] C ₆₀ H ₄₂ F ₂₄ FeN ₂ P ₂ ; FW: 1364.74; orange-red solid; [α] _D -250.2° (c 1.0, CHCl ₃)	100mg 500mg 2g 10g
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Technical Note:

1. See 26-0240.

Also Available:

26-0245	(R,R)-(+)-2,2'-Bis[(S)-(N,N-dimethylamino)(phenyl)methyl]-1,1'-bis(di(3,5-dimethylphenyl)phosphino)ferrocene, min. 97% [847997-73-3] C ₆₀ H ₆₆ FeN ₂ P ₂ ; FW: 932.99; orange powdr.; [α] _D +164°	100mg 500mg 2g 10g
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Technical Note:

1. See 26-0240.

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