Strem Chemicals, Inc

www.strem.com

Catalog # 26-0252 (S,S)-(-)-2,2'-Bis[(R)-(N,N-dimethylamino)(phenyl)methyl]-1,1'-bis(diphenylphosphino)ferrocene, min. 97%

Technical Notes:

1. Ligand used for the palladium-catalyzed asymmetric coupling of potassium crotyltrifluoroborate with methyl 4-bromobenzoate.

2. Ligand used for the gold-catalyzed phenol synthesis from furyldialkyne.

3. Ligand for asymmetric palladium-catalyzed cross-coupling of aryl triflates with $[(\eta^6\text{-benzylamine})Cr(CO)3]$

4. Ligand used for the palladium-catalyzed asymmetric synthesis of α -allyl- α -aryl α -amino acids by tandem alkylation/ π -allylation of α -iminoesters

PMP StMgBr, Mandyphos (10 mol%)

Ph OAc
$$[\eta^3$$
-C₃H₅PdCl]₂ (10 mol%)

PMP = 4-MeOC6H4

Tech. Note (4)

Ref. (4)

References:

- 1. Organometallics, 2009, 28, 152.
- 2. Chem. Eur. J. 2009, 15, 13318.
- 3. Angew. Chem. Int. Ed. 2012, 51, 11510.
- 4. Org. Lett. 2014, 16, 1948.