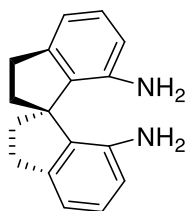


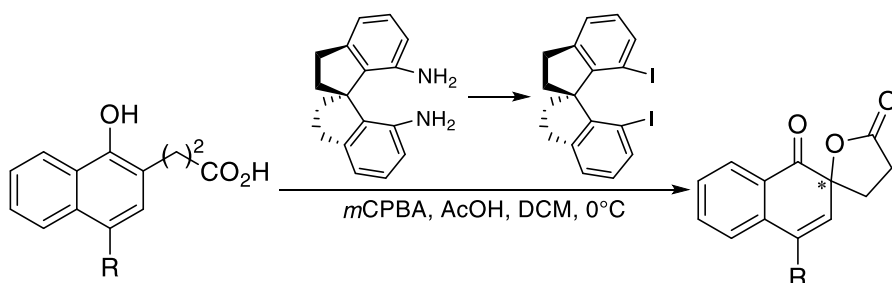
Catalog # 07-1405 (R)-2,2',3,3'-Tetrahydro-1,1'-spirobi[1H-indene]-7,7'-diamine



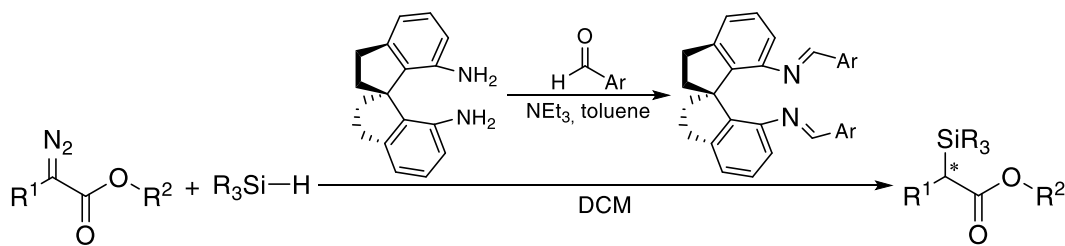
Scaffold for various spirobiindane based derivatives

Technical Notes

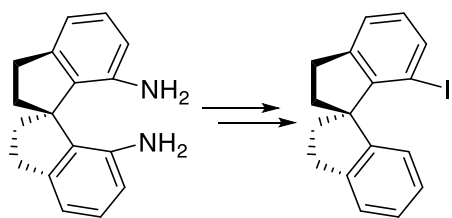
1. Reagent for synthesis of a chiral iodine organocatalyst used in enantioselective dearomatization of naphthols.
2. Reagent for synthesis of spiro-diimine ligand used in Cu-catalyzed highly enantioselective carbenoid insertion into Si-H bonds.
3. Reagent for synthesis of a chiral iodoarene organocatalyst for enantioselective  $\alpha$ -tosyloxylation of ketones.



Tech. Note (1); Ref. (1, 4)



Tech. Note (2); Ref. (2)



Tech. Note (3); Ref. (3)

References:

1. *Angew. Chem. Int. Ed.* **2008**, *47*, 3787.
2. *Angew. Chem. Int. Ed.* **2008**, *47*, 8496.
3. *Tetrahedron Asymmetry*, **2011**, *22*, 2039.
4. *J. Am. Chem. Soc.* **2013**, *135*, 4558.