## Strem Chemicals, Inc.

(S)-(-)-2-(Diphenylphosphino)-2'-methoxy-1,1'-binaphthyl, 99\%
(S)-MOP

Note: Sold in collaboration with Takasago for research purposes only. Patents US 5231202, EP 0503884, JP 05-017491.
Technical Notes:

1. Efficient catalyst for the enantioselective hydrosilyation of 1-alkenes to optically active 2-alcohols.
2. Ligand for palladium-catalyzed asymmetric reduction of allylic esters.
3. Ligand for the rhodium-catalyzed asymmetric arylation of imines with organostannanes.
4. Ligand for the rhodium-catalyzed asymmetric addition of aryl- and alkenylboronic acids to Isatins.


References:

1. J. Am. Chem. Soc., 1991, 113, 9887.
2. Acc. Chem. Res., 2000, 33, 354. (review)
3. J. Am. Chem. Soc., 1994, 116, 775.
4. J. Am. Chem. Soc., 2000, 122, 976.
5. Angew. Chem. Int. Ed., 2006, 45, 3353.
