

Strem Chemicals, Inc.

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Catalog # 15-1233 (S)-(+)-(3,5-Dioxa-4-phospha-cyclohepta[2,1-a;3,4-a']dinaphthalen-4-yl)dimethylamine, min. 97%
(S)-MONOPHOS

Note: Sold in collaboration with DSM for research purposes only. Patent no. WO 02 04466. DSM's MonoPhos™ Ligand Kit component.

Technical Notes:

1. See [15-1232](#).
2. Asymmetric hydrogenation of ketones and β -keto esters.
3. Light-induced, enantioselective hydrogenation.

References:

1. *Org. Lett.*, **2004**, 6, 4105.
2. *Angew. Chem. Int. Ed.*, **2004**, 43, 5066.
3. *J. Org. Chem.*, **2005**, 70, 943.
4. *Organometallics*, **2011**, 30, 3880.