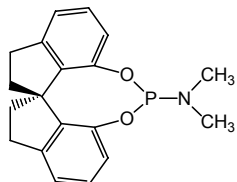


Strem Chemicals, Inc.

www.strem.com

Catalog # 15-5150 (11aR)-(+)-10,11,12,13-Tetrahydroindeno[7,1-de:1',7'-fg][1,3,2]dioxaphosphocin-5-dimethylamine,
min. 98% (R)-SIPHOS



Note: Spiro Monophosphite and Monophosphoramidite Ligand Kit component.

Technical Notes:

1. Ligand used for the rhodium-catalyzed asymmetric Pauson-Khand reaction.
2. Ligand used for the rhodium-catalyzed asymmetric hydrogenation of β -dehydroamino esters.

References:

1. *Adv. Synth. Catal.*, **2005**, 347, 759.
2. *J. Org. Chem.*, **2004**, 69, 4648.