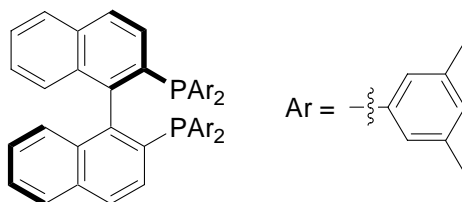


Tech Note

(R)-3,5-XyIBINAP

(R)-(+)-2,2'-Bis{di(3,5-xylyl)phosphine}-1,1'-binaphthyl

CAS Number	137219-86-4
CASName	Phosphine, (1R)-[1,1'-binaphthalene]-2,2'-diylbis[bis(3,5-dimethylphenyl)-
Formula	C ₅₂ H ₄₈ P ₂
Molecular Weight	734.91

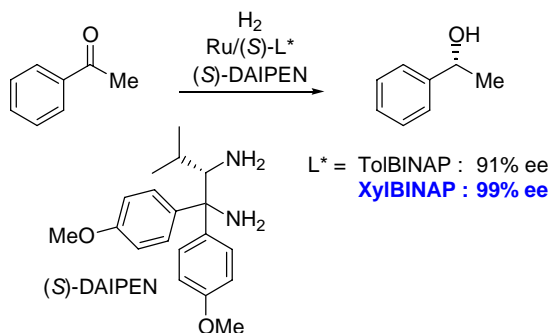


Representative references:

H. Kumobayashi, T. Miura, N. Sayo, T. Saito, X. Zhang, *Synlett*, 2001, 1055.

Performance Examples and References:

XyIBINAP is usually used in the Noyori's Ru-Diphosphine-Diamine complexes for hydrogenation of simple ketones. In many cases this ligand gives higher ee values than those with BINAP or ToIBINAP.



Angew. Chem. Int. Ed. **2001**, *40*, 40.

TAKASAGO

finechemicals@takasago.com

(C) 2007 TAKASAGO INTERNATIONAL CORPORATION - ALL RIGHTS RESERVED.