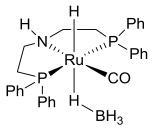
Strem Chemicals, Inc.

www.strem.com

Catalog # 44-0074

 $Carbonylhydrido(tetrahydroborato)[bis(2-diphenylphosphinoethyl)amino]ruthenium(II), \\ min.98\% \\ Ru-MACHO^{\tiny{@}}-BH$



Note: Sold in collaboration with Takasago. US. Pat. 8471048.

Technical Notes:

- 1. Catalyst used for hydrogenation of esters without addition of base.
- 2. See <u>44-0071</u>.

NHBoc
$$H_2$$
 (5 MPa) NHBoc H_2 (5 MPa) OH H_2 (5 MPa) H_2 (6 MPa) H_2 (6 MPa) H_2 (7 MPa) H_2 (8 MPa) H_2 (8 MPa) H_2 (9 MPa) H_2 (9 MPa) H_2 (9 MPa) H_2 (9 MPa) H_2 (1 MPa) H_2 (1

Reference:

1. US. Pat. 8471048.