Strem Chemicals, Inc

www.strem.com

Catalog # 15-4670 2-[(1,1-Dimethylethyl)thio]-N-[2-(diphenylphosphinyl)ethyl]-ethanamine

Technical Notes

1. SNP(O) ligand used in Ru-catalyzed selective ester hydrogenation.

$$\begin{array}{c|c} O \\ R & + H_2 \\ \hline \\ O & (50 \text{ bar}) \end{array} \xrightarrow{[Ru] \text{ SNP(O) Ligand}} \begin{array}{c} OH \\ \\ KO^{-t}C_4H_9, \ t^*C \end{array} + R_1OH \\ \end{array}$$

Tech. Note (1); Ref. (1)

References:

1. Org. Process Res. Dev. 2020, 24, 415.