Strem Chemicals, Inc

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Catalog # 15-4635 (2-((2-(phenylthio)ethyl)amino)ethyl)diphenylphosphine

Technical Notes

1. SNP 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.