Strem Chemicals, Inc

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Ref. (3)

Catalog # 07-0296 2,6-Bis[1-(2-methylphenylimino)ethyl]pyridine, 98%

Technical Notes

- 1. Ligand for iron catalyzed ethene polymerization, activated and heterogenized with a co-catalyst consisting of partially hydrolyzed trimethylaluminum on silica gel
- 2. Ligand for chromium catalyzed of ethylene oligomerization
- 3. Ligand for rhodium bis(imino)pyridine complex, that generates nanoparticles and effectively catalyses dehalogenation and hydrogenation of aromatic Compounds

$$n \, \text{CH}_2 = \text{CH}_2 \qquad \frac{\text{Ligand/FeCl}_2}{\text{Silica/AlMe}_3/\text{H}_2\text{O/Toluene}} \qquad [-\text{CH}_2 - \text{CH}_2 -]_n \qquad \qquad \text{Tech. Note (1)}$$

$$\text{CH}_2 = \text{CH}_2 \qquad \frac{\text{Ligand/CrCl}_2}{\text{MMAO/Solvent}} \qquad \qquad \boxed{\text{Tech. Note (2)}}$$

$$\text{Ref. (2)}$$

$$\text{Tech. Note (3)}$$

References:

- 1. J. Mol. Catal. A., Chem. 2002, 179, 155.
- 2. Macromolecules, 2004, 37, 4375.
- 3. Organometallics, 2010, 29, 4375.