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Catalog # 15-0045 (S)-(-)-2,2'-Bis[di(3,5-di-t-butylphenyl)phosphino]-6,6'-dimethoxy-1,1'-biphenyl, min. 97%

Technical Notes:

- 1. Ligand for the palladium-catalyzed intramolecular enantioselective allylic alkylation.
- 2. Ligand for the palladium-catalyzed asymmetric synthesis of allenes at room temperature.
- 3. Ligand for Rh-Catalyzed Asymmetric [3+2] Cycloaddition Reactions.

$$\begin{array}{c} AcO\\ MeO_2C\\ \\ N\\ \\ Bn \end{array} \begin{array}{c} L^*/[Pd]; \ KOH; \ nBu_4NBr\\ \\ CH_2CI_2/H_2O \end{array} \begin{array}{c} MeO_2C\\ \\ N\\ \\ Bn \end{array}$$

References:

- 1. Chem. Eur. J., 2011, 17, 2885.
- 2. J. Am. Chem. Soc., 2013, 135, 11517.
- 3. Angew. Chem. 2016, 128, 7892 7896.