Strem Chemicals, Inc.

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Catalog # 15-8376 [S(R)]-N-[(1S)-1-[(Diphenylphosphino)methyl]-2-methylpropyl]-2-methyl-2-Propanesulfinamide, 95%

Technical Notes:

- 1. Sulfinamide phosphine organocatalyst for the enantioselective intramolecular Rauhut-Currier reaction.
- 2. Used in phosphine-catalyzed asymmetric intermolecular cross-vinylogous Rauhut-Currier Reactions of vinyl Ketones with *para*-quinone methides.
- 3. Used in the enantioselective phosphine-catalyzed allylic alkylations of *mix*-indene with MBH carbonates.

$$R^{2} = R^{1} = R^{1$$

References:

- 1. Angew. Chem. Int. Ed. 2015, 54, 6874.
- 2. ACS Catal. 2017, 7, 2805.
- 3. Org. Lett. 2017, 19, 6080.