Strem Chemicals, Inc.

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Catalog # 15-8424

[S(R)]-N-[(S)-[2-(Dicyclohexylphosphino)phenyl]phenylmethyl]-2-methyl-2-propanesulfinamide, <math display="inline">98%

Technical Notes:

- 1. Ligand for the Pd-catalyzed enantioselective reductive Heck reactions to generate 3,3-disubstituted 2,3-dihydrobenzofuran.
- 2. Ligand for the Pd-catalyzed enantioselective Heck reaction of aryl triflates and alkynes.

$$R^{\frac{1}{11}} \xrightarrow{\text{[Pd] XuPhos}} R^{1} \xrightarrow{\text{[Pd] XuPhos}} R^{\frac{1}{11}} \xrightarrow{\text{Ref. (1)}} R^{1} \xrightarrow{\text{Ref. (1)}} R^{1} \xrightarrow{\text{Ref. (2)}} R^{1} \xrightarrow{$$

References:

- 1. Angew. Chem. Int. Ed. 2018, 57, 10373.
- 2. J. Am. Chem. Soc. 2019, 141, 19246.