Strem Chemicals, Inc.

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Catalog # 15-8806

[S(R)]-N-[(S)-[2-(Dicyclohexylphosphino)phenyl]-1-naphthalenylmethyl]-2-methyl-2-propanesulfinamide Belongs to the product family Sadphos; subgroup: Xu-Phos

Technical Notes:

1. **Heck reactions:** Ligand for the Pd-catalyzed highly chemo and enantioselective hydroarylation of allyl aryl ethers [1] and Pd-catalyzed enantioselective Heck reaction between aryl triflates and alkynes [2].

$$R^{\frac{1}{1}} = Alkyl, Aryl$$

$$R^{1} = Alkyl, Aryl$$

$$R^{1} = Alkyl, Aryl$$

$$R^{1} = Alkyl, Aryl$$

$$R^{2} = Alkyl, Aryl$$

$$R^{3} = Alkyl, Aryl$$

$$R^{1} = Alkyl, Aryl$$

$$R^{1} = Alkyl, Aryl$$

$$R^{2} = Alkyl, Aryl$$

$$R^{3} = Alkyl, Aryl$$

$$R^{1} = Alkyl, Aryl$$

$$R^{1} = Alkyl, Aryl$$

$$R^{2} = Alkyl, Aryl$$

$$R^{2} = Alkyl, Aryl$$

$$R^{3} = Alkyl, Aryl$$

$$R^{2} = Alkyl, Aryl$$

$$R^{3} = Alkyl, Aryl$$

$$R^{2} = Alkyl, Aryl$$

$$R^{3} = Alkyl, Aryl$$

$$R^{4} = Alkyl, Aryl$$

$$R^{2} = Alkyl, Aryl$$

$$R^{3} = Alkyl, Aryl$$

$$R^{4} = Alkyl, Aryl$$

$$R^{5} = Alkyl,$$

References:

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