## Strem Chemicals, Inc.

## www.strem.com

Catalog #77-5020

((4S,5S)-(+)-O-[1-Benzyl-1-(5-methyl-2-phenyl-4,5-dihydrooxazol-4-yl)-2-phenylethyl]-diphenylphosphinite)(1,5-COD)iridium(I) tetrakis-(3,5-bis(trifluoromethyl)phenylborate, min. 97%

Note: Sold in collaboration with Solvias for research purposes only.

## Technical Note:

- 1. New class of hydrogenation catalyst which can convert unfunctionalized styrenyl olefins into alkanes with excellent enantioselectivity.
- 2. Catalyst used for the asymmetric hydrogenation of  $\alpha,\beta$ -unsturated nitriles.
- 3. Catalyst used for the chemeoselective and enantioselective hydrogenation of (1-chloro-1-alkenyl) boronic esters
- 4. Catalyst used for the enantioselective synthesis of chromanes.

## References:

- 1. Adv. Synth. Catal., 2002, 344, 40.
- 2. Acc. Chem. Res., 2007, 40, 1402.
- 3. Angew. Chem. Int. Ed., 2014, 53, 8668.
- 4. Angew. Chem. Int. Ed., 2012, 51, 1014.
- 5. Synlett., 2008, 20, 3167.