Strem Chemicals, Inc.

www.strem.com

Catalog # 46-0487 Methanesulfonato(2-dicyclohexylphosphino-2',6'-bis(dimethylamino)-1,1'-biphenyl)(2'-amino-1,1'-biphenyl-2-yl) palladium(II), 98% [CPhos Palladacycle Gen. 3]

Technical Notes:

- 1. Catalyst for the highly selective cross-coupling of secondary alkylzinc reagents with heteroaryl halides
- 2. Catalyst for the completely linear-selective Negishi cross-coupling of allylzinc halides with aryl and vinyl electrophiles

$$R \xrightarrow{X} X$$
or
$$R^4$$

$$R^5 \xrightarrow{X} X$$

$$R^3$$

$$ZnBr$$

$$ZnBr$$

$$ZnBr$$

$$Z mol\% catalyst 2 mol\% CPhos THF, rt, 2-12 h
$$ZnBr$$

$$ZnBr$$

$$Z mol\% catalyst 2 mol\% CPhos The following the properties of the prope$$$$

References:

- Org. Lett., 2014, 16, 4638
 Angew. Chem. Int. Ed., 2013, 52, 14098