## Strem Chemicals, Inc.

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Catalog # 46-0387

Methanesulfonato(tri-t-butylphosphino)(2'-amino-1,1'-biphenyl-2-yl)palladium(II), 98% [P(t-Bu)<sub>3</sub> Palladacycle Gen. 3]

$$\begin{array}{c} P(tBu)_3 \\ H_2N-Pd-OMs \end{array}$$

## Technical Notes:

1.0 equiv

- 1. Pd-catalyzed cross-coupling reaction of s-BuB(OH)<sub>2</sub> and 4-chloroanisole.
- 2. Pd-catalyzed cross-coupling reaction of secondary alkylboronic acids and aryl chlorides.
- 3. Pd-catalyzed cross-coupling reaction of secondary alkyltrifluoroborates and aryl chlorides

Ar-Cl + 
$$R^1$$
 BF $_3$ K Palladium complex (5-10 mol%)  $K_2$ CO $_3$  (3 equiv)  $R^1$  Tech. Note (3) Ref. (1)  $R^2$  1.5 equiv

## Reference:

1. J. Am. Chem. Soc., 2014, 136, 14027.