## Strem Chemicals, Inc.

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Catalog # 15-1142 2'-Dicyclohexylphosphino-2,6-dimethoxy-3-sulfonato-1,1'-biphenyl hydrate sodium salt, min. 98%

Note: Buchwald Biaryl Phosphine Ligand Kit component. Patents US 6,395,916, US 6,307,087.

## **Technical Note**

1. General ligand for the Pd-catalyzed Suzuki-Miyaura coupling reaction of aryl chlorides and for the coupling of challenging substrate combinations in water.

$$H_2N$$
  $CI$  +  $(HO)_2B$   $R'$   $Pd$   $H_2N$   $N$   $R'$   $Pd$   $Ref. (1)$   $Ref. (1)$   $Ref. (1)$   $Ref. (1)$   $Ref. (1)$   $Ref. (1)$   $Ref. (1)$ 

## Reference:

1. Angew. Chem. Int. Ed., 2005, 44, 6173.