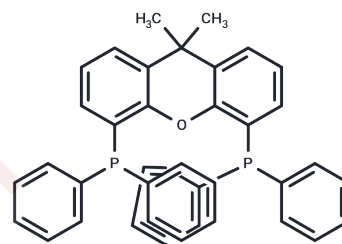


## Xantphos

## Chemical Properties

CAS No. : 161265-03-8  
 Formula: C<sub>39</sub>H<sub>32</sub>O<sub>2</sub>P<sub>2</sub>  
 Molecular Weight: 578.62  
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year  
 Actual storage temperature shall be subject to the COA.



## Biological Description

Description	Xantphos, a ligand in the coupling reaction of Buchwald, Suzuki and others, is a metal chelating ligand that can be used to catalyze the reaction.
Targets(IC50)	Others

## Solubility Information

Solubility	DMSO: < 1 mg/mL (insoluble or slightly soluble), H <sub>2</sub> O: < 1 mg/mL (insoluble or slightly soluble) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7282 mL	8.6412 mL	17.2825 mL
5 mM	0.3456 mL	1.7282 mL	3.4565 mL
10 mM	0.1728 mL	0.8641 mL	1.7282 mL
50 mM	0.0346 mL	0.1728 mL	0.3456 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

### Reference

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