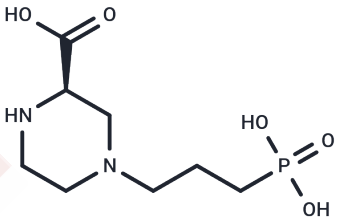
Data Sheet (Cat.No.T23222)

TargetMol

(R)-CPP

Chemical Properties



CAS No. : 126453-07-4

Formula: C8H17N2O5P

Molecular Weight: 252.2

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	(R)-CPP is a NMDA antagonist.
Targets(IC50)	Others,iGluR

Solubility Information

Solubility	H2O: Soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.9651 mL	19.8255 mL	39.6511 mL
5 mM	0.793 mL	3.9651 mL	7.9302 mL
10 mM	0.3965 mL	1.9826 mL	3.9651 mL
50 mM	0.0793 mL	0.3965 mL	0.793 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

Evelyn C R, Wade S M, Wang Q, et al. CCG-1423: a small-molecule inhibitor of RhoA transcriptional signaling[J]. Molecular cancer therapeutics, 2007, 6(8): 2249-2260.

Watanabe B, Minami S, Ishida H, et al. Stereospecific inhibitory effects of ccg-1423 on the cellular events mediated by myocardin-related transcription factor a[J]. PloS one, 2015, 10(8): e0136242.

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