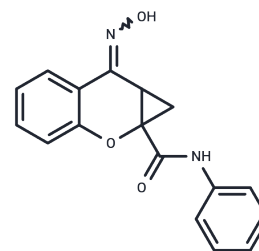


PHCCC

Chemical Properties

CAS No. : 179068-02-1
Formula: C₁₇H₁₄N₂O₃
Molecular Weight: 294.3
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	PHCCC ((-) PHCCC) is a Group I metabotropic glutamate receptor antagonist and a positive allosteric modulator of mGluR4. It also is a potent to antagonism for mGluR2 and mGluR8.
Targets(IC50)	GluR

Solubility Information

Solubility	DMSO: 55 mg/mL (186.88 mM), (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.3979 mL	16.9895 mL	33.9789 mL
5 mM	0.6796 mL	3.3979 mL	6.7958 mL
10 mM	0.3398 mL	1.6989 mL	3.3979 mL
50 mM	0.068 mL	0.3398 mL	0.6796 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.

Reference

Marino MJ et al. Allosteric modulation of group III metabotropic glutamate receptor 4: a potential approach to Parkinson's disease treatment. Proc Natl Acad Sci U S A. 2003 Nov 11;100(23):13668-73.

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