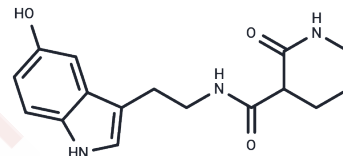


HIOC

Chemical Properties

CAS No. : 314054-36-9
 Formula: C₁₆H₁₉N₃O₃
 Molecular Weight: 301.34
 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	Selective TrkB receptor agonist. Protects neurons from excitotoxicity. Protects retinas from light-induced retinal degeneration (LIRD) in vivo. Blood brain barrier and blood-retinal barrier penetrant.
Targets(IC50)	Apoptosis,ERK,Others,Trk receptor

Solubility Information

Solubility	DMSO: 30.13 mg/mL (99.99 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.3185 mL	16.5926 mL	33.1851 mL
5 mM	0.6637 mL	3.3185 mL	6.637 mL
10 mM	0.3319 mL	1.6593 mL	3.3185 mL
50 mM	0.0664 mL	0.3319 mL	0.6637 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only· Not for Human or Veterinary or Therapeutic Use

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