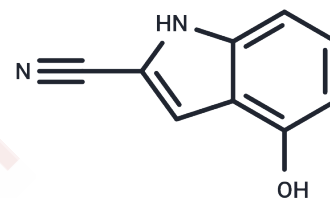


Cyanopindolol hemifumarate

Chemical Properties

CAS No. :	106469-57-2
Formula:	C ₉ H ₆ N ₂ O
Molecular Weight:	158.16
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	5-HT _{1A/1B} antagonist and β -adrenoceptor antagonist
Targets(IC ₅₀)	Others

Solubility Information

Solubility	DMSO: <34.54 mg/mL, 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	6.3227 mL	31.6136 mL	63.2271 mL
5 mM	1.2645 mL	6.3227 mL	12.6454 mL
10 mM	0.6323 mL	3.1614 mL	6.3227 mL
50 mM	0.1265 mL	0.6323 mL	1.2645 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

Cheng K, Wang X, Yin H. Small-Molecule Inhibitors of the TLR3/dsRNA Complex. *Journal of the American Chemical Society*, 2011, 133(11): 3764-3767.

Blockade of TLR3 protects mice from lethal radiation-induced gastrointestinal syndrome. *Nature Communications*, 2014, 5.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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