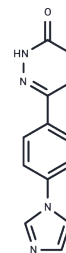


Imazodan

Chemical Properties

CAS No. :	84243-58-3
Formula:	C ₁₃ H ₁₂ N ₄ O
Molecular Weight:	240.26
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	Imazodan, a small molecule compound with positive inotropic activity, is a selective type III phosphodiesterase inhibitor and can be used to study heart failure.
Targets(IC50)	PDE

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.1622 mL	20.8108 mL	41.6216 mL
5 mM	0.8324 mL	4.1622 mL	8.3243 mL
10 mM	0.4162 mL	2.0811 mL	4.1622 mL
50 mM	0.0832 mL	0.4162 mL	0.8324 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

Jiang YY, et al. [Effects of imazodan and dazoxiben on cAMP levels and PGI₂ production in cultured bovine aortic endothelial cells]. Zhongguo Yao Li Xue Bao. 1989 Sep;10(5):421-4. Chinese.

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