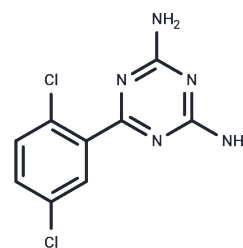


Irsogladine

Chemical Properties

CAS No. :	57381-26-7
Formula:	C ₉ H ₇ Cl ₂ N ₅
Molecular Weight:	256.09
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Irsogladine (Dicloguamine) is an anti-gastric ulcer agent that facilitates gap-junctional intercellular communication through M1 muscarinic acetylcholine receptor binding.
Targets(IC50)	PDE,AChR

Solubility Information

Solubility	DMSO: 30 mg/mL (117.15 mM), (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.9049 mL	19.5244 mL	39.0488 mL
5 mM	0.781 mL	3.9049 mL	7.8098 mL
10 mM	0.3905 mL	1.9524 mL	3.9049 mL
50 mM	0.0781 mL	0.3905 mL	0.781 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

Onuma W, et al. Oncotarget. 2016 Feb 23;7(8):8640-52.
Nakagawa T, et al. Biol Pharm Bull. 2015;38(11):1681-8.

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