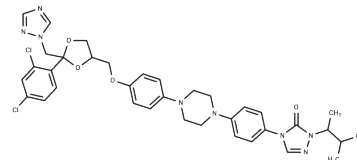


Hydroxy Itraconazole

Chemical Properties

CAS No. :	112559-91-8
Formula:	C ₃₅ H ₃₈ Cl ₂ N ₈ O ₅
Molecular Weight:	721.63
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Hydroxy Itraconazole (R-63373) is an active metabolite of Itraconazole which is an antifungal agent.
Targets(IC50)	Antifungal
In vitro	Hydroxy Itraconazole is reported to have antifungal activity in vitro. Hydroxy Itraconazole has a triazole ring and inhibits CYP3A.

Solubility Information

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

	1mg	5mg	10mg
1 mM	1.3858 mL	6.9288 mL	13.8575 mL
5 mM	0.2772 mL	1.3858 mL	2.7715 mL
10 mM	0.1386 mL	0.6929 mL	1.3858 mL
50 mM	0.0277 mL	0.1386 mL	0.2772 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

Mino Y, et al. Hydroxy-itraconazole pharmacokinetics is similar to that of itraconazole in immunocompromised patients receiving oral solution of itraconazole. Clin Chim Acta. 2013 Jan 16;415:128-32.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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