

Hydroxy Itraconazole D8

Chemical Properties

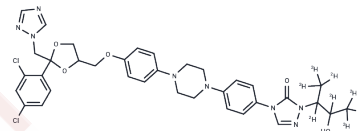
CAS No. :

Formula: C₃₅H₃₀D₈Cl₂N₈O₅

Molecular Weight: 729.68

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	Hydroxy Itraconazole D8 is a deuterated compound of itraconazole, commonly used for isotope labeling, primarily in pharmacokinetic studies, isotope-labeled analysis, and metabolic studies. Hydroxy Itraconazole is an active metabolite of itraconazole (ITZ).
Targets(IC50)	Antifungal

Solubility Information

Solubility	DMSO: 66.66 mg/mL (91.36 mM),Sonication is recommended. H2O: < 1?mg/mL?(insoluble),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	1.3705 mL	6.8523 mL	13.7046 mL
5 mM	0.2741 mL	1.3705 mL	2.7409 mL
10 mM	0.137 mL	0.6852 mL	1.3705 mL
50 mM	0.0274 mL	0.137 mL	0.2741 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

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