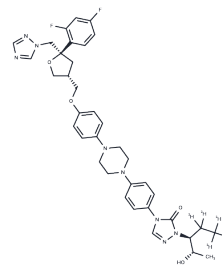


Posaconazole-D5

Chemical Properties

CAS No. :	1217785-83-5
Formula:	C37H42F2N8O4
Molecular Weight:	705.81
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	Posaconazole-D5 is a second-generation, broad-spectrum triazole compound with antifungal activity.
Targets(IC50)	Antifungal

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4168 mL	7.0841 mL	14.1681 mL
5 mM	0.2834 mL	1.4168 mL	2.8336 mL
10 mM	0.1417 mL	0.7084 mL	1.4168 mL
50 mM	0.0283 mL	0.1417 mL	0.2834 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

Herbrecht R, et al. Management of systemic fungal infections: alternatives to itraconazole. J Antimicrob Chemother. 2005 Sep;56 Suppl 1:i39-i48.

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