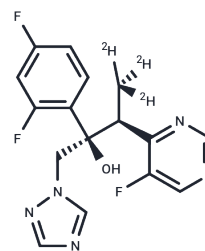


Voriconazole-D3

Chemical Properties

CAS No. :	1217661-14-7
Formula:	C ₁₆ H ₁₄ F ₃ N ₅ O
Molecular Weight:	352.329
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	Voriconazole-D3 is a deuterated compound of Voriconazole. Voriconazole (T0120) has a CAS number of 137234-62-9. Voriconazole (T0120) is a triazole antifungal agent that specifically inhibits STEROL 14-ALPHA-DEMETHYLASE and CYTOCHROME P-450 CYP3A.
Targets(IC50)	Antifungal

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8382 mL	14.1912 mL	28.3825 mL
5 mM	0.5676 mL	2.8382 mL	5.6765 mL
10 mM	0.2838 mL	1.4191 mL	2.8382 mL
50 mM	0.0568 mL	0.2838 mL	0.5676 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

1. Espinel-Ingroff A, et al. J Clin Microbiol, 1998, 36(1), 198-202.

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