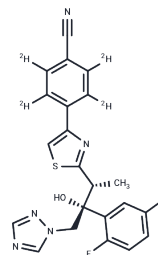


## Isavuconazole-D4

## Chemical Properties

CAS No. :	1346598-58-0
Formula:	C <sub>22</sub> H <sub>17</sub> F <sub>2</sub> N <sub>5</sub> O <sub>5</sub>
Molecular Weight:	441.49
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	Isavuconazole-D4 is a deuterium labeled Isavuconazole. Isavuconazole (T2305) is a triazole prodrug with antifungal activity against yeasts, molds, and dimorphic fungi.
Targets(IC50)	Antifungal, Cytochromes P450

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2651 mL	11.3253 mL	22.6506 mL
5 mM	0.453 mL	2.2651 mL	4.5301 mL
10 mM	0.2265 mL	1.1325 mL	2.2651 mL
50 mM	0.0453 mL	0.2265 mL	0.453 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

Livermore J, et al. Evaluation of the pharmacokinetics and clinical utility of isavuconazole for treatment of invasive fungal infections. *Expert Opin Drug Metab Toxicol.* 2012 Jun;8(6):759-65.

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