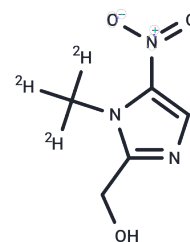


## Hydroxy Dimetridazole-D3

## Chemical Properties

CAS No. :	1015855-78-3
Formula:	C5H4D3N3O3
Molecular Weight:	160.15
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 Dimetridazole-D3 is a deuterated compound of Hydroxy Dimetridazole. Hydroxy Dimetridazole (T37514) has a CAS number of 936-05-0. Hydroxy Dimetridazole (T37514) is a hydroxy metabolite of Dimetridazole which combats protozoan infections.
Targets(IC50)	Drug Metabolite

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	6.2441 mL	31.2207 mL	62.4415 mL
5 mM	1.2488 mL	6.2441 mL	12.4883 mL
10 mM	0.6244 mL	3.1221 mL	6.2441 mL
50 mM	0.1249 mL	0.6244 mL	1.2488 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. Cronly M, et al. Rapid confirmatory method for the determination of 11 nitroimidazoles in egg using liquid chromatography tandem mass spectrometry. J Chromatogr A. 2009;1216(46):8101-8109.

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