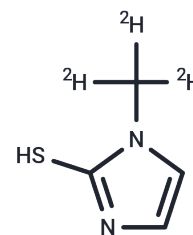


Methimazole-D3

Chemical Properties

CAS No. :	1160932-07-9
Formula:	C ₄ H ₆ N ₂ S
Molecular Weight:	117.19
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	Methimazole-D3, a deuterium-labeled version of Methimazole, serves as an antithyroid medication for treating hyperthyroidism in both humans and animals.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	8.5332 mL	42.6658 mL	85.3315 mL
5 mM	1.7066 mL	8.5332 mL	17.0663 mL
10 mM	0.8533 mL	4.2666 mL	8.5332 mL
50 mM	0.1707 mL	0.8533 mL	1.7066 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

Tatara MR, et al. Effects of long-term oral administration of methimazole on femur and tibia properties in male Wistar rats. Biomed Pharmacother. 2017 Oct;94:124-128.

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