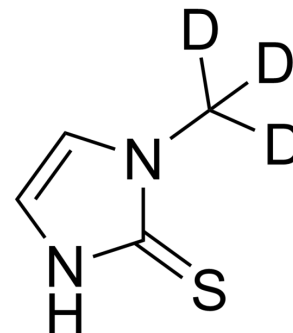


Methimazole-d₃

Cat. No.:	HY-B0208S		
CAS No.:	1160932-07-9		
Molecular Formula:	C ₄ H ₃ D ₃ N ₂ S		
Molecular Weight:	117.19		
Target:	Isotope-Labeled Compounds		
Pathway:	Others		
Storage:	Powder	-20°C	3 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : ≥ 100 mg/mL (853.32 mM)
 H₂O : ≥ 50 mg/mL (426.66 mM)
 * "≥" means soluble, but saturation unknown.

	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	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

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

Methimazole-d₃ is a deuterium labeled Methimazole. Methimazole is an antithyroid agent used for the treatment of the hyperthyroidism in humans and animals[1].

REFERENCES

[1]. Tataru 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.

Caution: Product has not been fully validated for medical applications. For research use only.

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