Data Sheet (Cat.No.TMIH-0049)

TargetMol

3-O-Methyldopa-D3

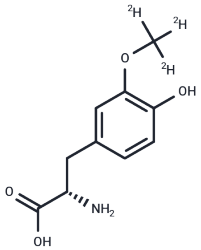
Chemical Properties

CAS No. : 586954-09-8

Formula: C10H10D3NO4

Molecular Weight: 214.23

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	3-O-Methyldopa-D3 is a deuterated compound of 3-O-Methyldopa. 3-O-Methyldopa (T73791) has a CAS number of 300-48-1.
Targets(IC50)	Endogenous Metabolite,Dopamine Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.6679 mL	23.3394 mL	46.6788 mL
5 mM	0.9336 mL	4.6679 mL	9.3358 mL
10 mM	0.4668 mL	2.3339 mL	4.6679 mL
50 mM	0.0934 mL	0.4668 mL	0.9336 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

Sotgiu G et al. Delamanid (OPC-67683) for treatment of multi-drug-resistant tuberculosis. Expert Rev Anti Infect Ther. 2015 Mar;13(3):305-15.

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481