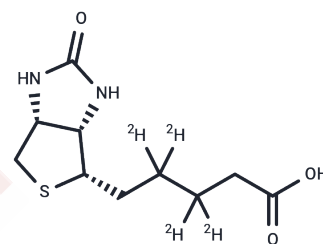


Biotin-D4

Chemical Properties

CAS No. : 1217850-77-5
 Formula: C₁₀H₁₂D₄N₂O₃S
 Molecular Weight: 248.34
 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	Biotin-D4 is a deuterated compound of Biotin (T77520).
Targets(IC50)	Endogenous Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.0267 mL	20.1337 mL	40.2674 mL
5 mM	0.8053 mL	4.0267 mL	8.0535 mL
10 mM	0.4027 mL	2.0134 mL	4.0267 mL
50 mM	0.0805 mL	0.4027 mL	0.8053 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

Fuhr U, et al. Br J Clin Pharmacol, 1993, 35(4):431-436.

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