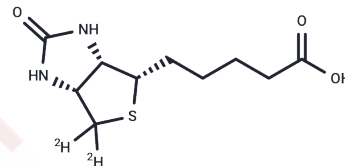


## Biotin-D2

## Chemical Properties

CAS No. :	1217481-41-8
Formula:	C <sub>10</sub> H <sub>14</sub> D <sub>2</sub> N <sub>2</sub> O <sub>3</sub> S
Molecular Weight:	246.32
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-D2 is a deuterated compound of Biotin. Biotin (T1116) has a CAS number of 58-85-5. Biotin (T1116) is a water-soluble B-vitamin and is necessary for cell growth, the production of fatty acids, and the metabolism of fats and amino acids.
Targets(IC50)	Endogenous Metabolite

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.0598 mL	20.2988 mL	40.5976 mL
5 mM	0.812 mL	4.0598 mL	8.1195 mL
10 mM	0.406 mL	2.0299 mL	4.0598 mL
50 mM	0.0812 mL	0.406 mL	0.812 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.

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