

## Methylcobalamin-13C-D3

## Chemical Properties

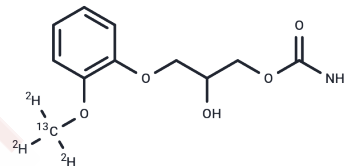
CAS No. :

Formula: 13CC10D3H12NO5

Molecular Weight: 245.25

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

Methylcobalamin-13C-D3 is the 13C and deuterated compound of Methylcobalamin (T3136). Methylcobalamin has a CAS number of 13422-55-4. Methylcobalamin is one active form of vitamin B12 which can directly participate in homocysteine metabolism. It is used to treat some nutritional diseases and other diseases in clinic, such as Alzheimer's disease and rheumatoid arthritis.

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.0775 mL	20.3874 mL	40.7747 mL
5 mM	0.8155 mL	4.0775 mL	8.1549 mL
10 mM	0.4077 mL	2.0387 mL	4.0775 mL
50 mM	0.0815 mL	0.4077 mL	0.8155 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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