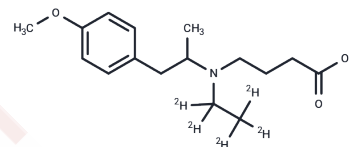


## Mebeverine Acid-D5

## Chemical Properties

CAS No. : 2070015-30-2  
 Formula: C<sub>16</sub>H<sub>25</sub>NO<sub>3</sub>  
 Molecular Weight: 284.41  
 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	Mebeverine Acid-D5 is a deuterated compound of Mebeverine Acid. Mebeverine Acid (T11986) has a CAS number of 475203-77-1. Mebeverine acid is a secondary metabolite of Mebeverine and can be used as a marker of oral exposure to Mebeverine.
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.5161 mL	17.5803 mL	35.1605 mL
5 mM	0.7032 mL	3.5161 mL	7.0321 mL
10 mM	0.3516 mL	1.758 mL	3.5161 mL
50 mM	0.0703 mL	0.3516 mL	0.7032 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

- Arnel Stockis, et al. Identification of mebeverine acid as the main circulating metabolite of mebeverine in man. J Pharm Biomed Anal. 2002 Jun 20;29(1-2):335-40.

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