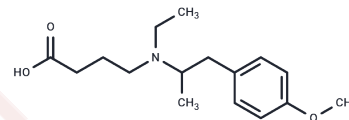


## Mebeverine acid

## Chemical Properties

CAS No. :	475203-77-1
Formula:	C <sub>16</sub> H <sub>25</sub> NO <sub>3</sub>
Molecular Weight:	279.37
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 [Mebeverine metabolite Mebeverine acid] is a secondary metabolite of Mebeverine and serves as a marker for oral exposure to the parent compound.
Targets(IC50)	Drug Metabolite

## Solubility Information

Solubility	DMSO: 30 mg/mL (107.38 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.5795 mL	17.8974 mL	35.7948 mL
5 mM	0.7159 mL	3.5795 mL	7.159 mL
10 mM	0.3579 mL	1.7897 mL	3.5795 mL
50 mM	0.0716 mL	0.3579 mL	0.7159 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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