

Berberine-13C,D3 hydrochloride

Chemical Properties

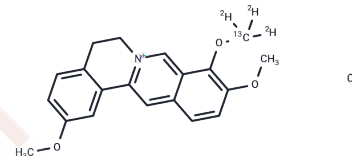
CAS No. :

Formula: 13C C19H17ClNO3D3

Molecular Weight: 361.84

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	Berberine-13C,D3 hydrochloride is the 13C and deuterated compound of Berberine hydrochloride (T0461).
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7637 mL	13.8183 mL	27.6365 mL
5 mM	0.5527 mL	2.7637 mL	5.5273 mL
10 mM	0.2764 mL	1.3818 mL	2.7637 mL
50 mM	0.0553 mL	0.2764 mL	0.5527 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

Vashi P, et al. Methylmalonic Acid and Homocysteine as Indicators of Vitamin B-12 Deficiency in Cancer. PLoS One. 2016 Jan 25;11(1):e0147843.

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