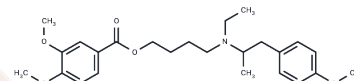


Mebeverine hydrochloride

Chemical Properties

CAS No. :	2753-45-9
Formula:	C ₂₅ H ₃₅ N ₅ O
Molecular Weight:	429.55
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 hydrochloride (Colofac Hydrochloride), a β -phenylethylamine derivative, is a potent α 1 repector inhibitor, relaxing the muscles in and around the gut.
Targets(IC50)	Sodium Channel

Solubility Information

Solubility	DMSO: 252.5 mg/mL (587.82 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	2.328 mL	11.6401 mL	23.2802 mL
5 mM	0.4656 mL	2.328 mL	4.656 mL
10 mM	0.2328 mL	1.164 mL	2.328 mL
50 mM	0.0466 mL	0.2328 mL	0.4656 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

Rahman MZ, et al. Mymensingh Med J. 2014 Jan;23(1):105-13.

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