

(+/-)-Verapamil-D7 hydrochloride

Chemical Properties

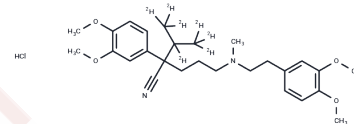
CAS No. :

Formula: C₂₇H₃₉ClN₂O₄

Molecular Weight: 498.11

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	(+/-)-Verapamil-D7 hydrochloride is a deuterated compound of (+/-)-Verapamil hydrochloride (T1010). (+/-)-Verapamil hydrochloride has a CAS number of 152-11-4. Verapamil hydrochloride is a calcium channel blocker that is a class IV anti-arrhythmia agent.
Targets(IC50)	Calcium Channel,Cytochromes P450,P-gp

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0076 mL	10.0379 mL	20.0759 mL
5 mM	0.4015 mL	2.0076 mL	4.0152 mL
10 mM	0.2008 mL	1.0038 mL	2.0076 mL
50 mM	0.0402 mL	0.2008 mL	0.4015 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

1. Yanjiao X, et al. Drug Metab Pharmacokinet, 2013.

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