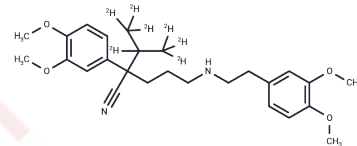


Norverapamil-D7

Chemical Properties

CAS No. :	263175-44-6
Formula:	C ₂₆ H ₃₆ N ₂ O ₄
Molecular Weight:	447.62
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	Norverapamil-D7 is a deuterium labeled Norverapamil (T12244) . Norverapamil (T12244) is a blocker of L-type calcium channel and an inhibitor of P-glycoprotein (P-gp) function .
Targets(IC50)	Calcium Channel,Drug Metabolite,P-gp

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.234 mL	11.1702 mL	22.3404 mL
5 mM	0.4468 mL	2.234 mL	4.4681 mL
10 mM	0.2234 mL	1.117 mL	2.234 mL
50 mM	0.0447 mL	0.2234 mL	0.4468 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

- Adams KN, et al. Verapamil, and its metabolite norverapamil, inhibit macrophage-induced, bacterial efflux pump-mediated tolerance to multiple anti-tubercular drugs. *J Infect Dis.* 2014 Aug 1;210(3):456-66.
- Pauli-Magnus C, et al. Characterization of the major metabolites of verapamil as substrates and inhibitors of P-glycoprotein. *J Pharmacol Exp Ther.* 2000 May;293(2):376-82.

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