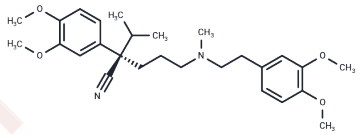
Data Sheet (Cat.No.T69317)

TargetMol

Dexverapamil

Chemical Properties



CAS No. : 38321-02-7

Formula: C27H38N2O4

Molecular Weight: 454.6

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	Dexverapamil is the R-enantiomer of the calcium channel blocker verapamil. Dexverapamil competitively inhibits the multidrug resistance efflux pump P-glycoprotein (MDR-1), thereby potentially increasing the effectiveness of a wide range of antineoplastic drugs which are inactivated by MDR-1 mechanisms.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1997 mL	10.9987 mL	21.9974 mL
5 mM	0.4399 mL	2.1997 mL	4.3995 mL
10 mM	0.220 mL	1.0999 mL	2.1997 mL
50 mM	0.044 mL	0.220 mL	0.4399 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.

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