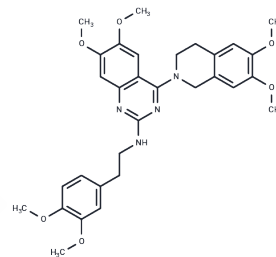


CP 100356

Chemical Properties

CAS No. : 142716-85-6
 Formula: C₃₁H₃₆N₄O₆
 Molecular Weight: 560.64
 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	CP 100356 is a specific inhibitor of MDR1 (P-Gp), the prototypical ABC transporter. The compound has low uM to nM potency for inhibiting several MDR-1 substrates (calcein-AM, digoxin) in transfected MDCKII cells.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7837 mL	8.9184 mL	17.8368 mL
5 mM	0.3567 mL	1.7837 mL	3.5674 mL
10 mM	0.1784 mL	0.8918 mL	1.7837 mL
50 mM	0.0357 mL	0.1784 mL	0.3567 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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