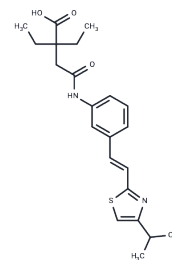


MCI826

Chemical Properties

CAS No. : 140646-80-6
 Formula: C₂₂H₂₈N₂O₃S
 Molecular Weight: 400.53
 Storage: Store at low temperature
 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	MCI826 is a potent and selective antagonist of P-glycoprotein (P-gp) and peptide leukotrienes (p-LTs), showing anti-asthmatic activity in a guinea pig model of advanced asthma.
Targets(IC50)	LTR,P-gp

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4967 mL	12.4835 mL	24.9669 mL
5 mM	0.4993 mL	2.4967 mL	4.9934 mL
10 mM	0.2497 mL	1.2483 mL	2.4967 mL
50 mM	0.0499 mL	0.2497 mL	0.4993 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

Morad SA, et al. Tamoxifen magnifies therapeutic impact of ceramide in human colorectal cancer cells independent of p53. *Biochem Pharmacol.* 2013 Apr 15;85(8):1057-65.

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