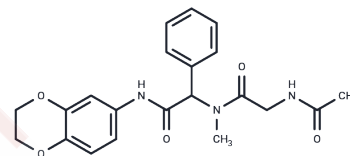


WAY-326766

Chemical Properties

CAS No. : 853138-67-7
 Formula: C₂₁H₂₃N₃O₅
 Molecular Weight: 397.42
 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	WAY-326766 increases ion transport through mutant CFTR and can be used to alter the lifespan of eukaryotes. WAY-326766 can be used to treat cystic fibrosis (CF).
Targets(IC50)	CFTR

Solubility Information

Solubility	DMSO: 50 mg/mL (125.81 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5162 mL	12.5811 mL	25.1623 mL
5 mM	0.5032 mL	2.5162 mL	5.0325 mL
10 mM	0.2516 mL	1.2581 mL	2.5162 mL
50 mM	0.0503 mL	0.2516 mL	0.5032 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

Verkman A, et al. Composition comprising phenylglycine-containing or sulfonamide-containing compounds for increasing ion transport activity of mutant-CFTR. WO2005120497 A2 .

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