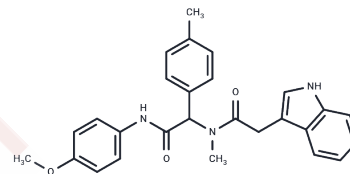


CFTR activator 2

Chemical Properties

CAS No. :	871700-29-7
Formula:	C27H27N3O3
Molecular Weight:	441.52
Storage:	Store at low temperature Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	CFTR activator 2 (WAY-326769) is an activator of mutant CFTR (cystic fibrosis transmembrane conductance regulator), which increases ion transport activity and can be used for research into cystic fibrosis (CF).
Targets(IC50)	CFTR

Solubility Information

Solubility	DMSO: 102 mg/mL (231.02 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	2.2649 mL	11.3245 mL	22.649 mL
5 mM	0.453 mL	2.2649 mL	4.5298 mL
10 mM	0.2265 mL	1.1325 mL	2.2649 mL
50 mM	0.0453 mL	0.2265 mL	0.453 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

COMPOUNDS HAVING ACTIVITY IN INCREASING ION TRANSPORT BY MUTANT-CFTR AND USES THEREOF.
WO2005120497.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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