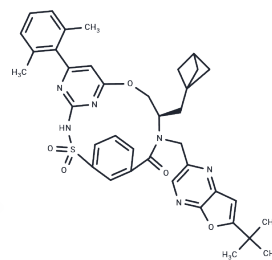


CFTR corrector 18

Chemical Properties

CAS No. :	2993441-49-7
Formula:	C ₃₈ H ₄₀ N ₆ O ₅ S
Molecular Weight:	692.826
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	CFTRcorrector 18 (Compound I-99) acts as a modulator of the cystic fibrosis transmembrane conductance regulator (CFTR). It enhances the processing and trafficking of CFTR, thereby increasing the amount of CFTR present on the cell surface. CFTRcorrector 18 holds potential for research in cystic fibrosis (CF).
Targets(IC50)	CFTR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4434 mL	7.2168 mL	14.4336 mL
5 mM	0.2887 mL	1.4434 mL	2.8867 mL
10 mM	0.1443 mL	0.7217 mL	1.4434 mL
50 mM	0.0289 mL	0.1443 mL	0.2887 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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