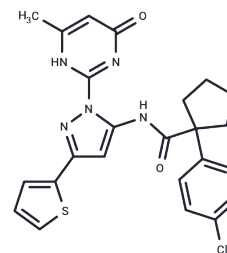


CFTR corrector 15

Chemical Properties

CAS No. : 1170387-92-4
 Formula: C₂₄H₂₂ClN₅O₂S
 Molecular Weight: 479.98
 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	CFTR Corrector 15 (Compound 4172) serves as a corrector for cystic fibrosis transmembrane conductance regulator (CFTR). When used in combination with VX-809, it addresses the folding defects of F508del-CFTR. CFTR Corrector 15 is also applicable in the research of cystic fibrosis.
Targets(IC50)	CFTR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0834 mL	10.4171 mL	20.8342 mL
5 mM	0.4167 mL	2.0834 mL	4.1668 mL
10 mM	0.2083 mL	1.0417 mL	2.0834 mL
50 mM	0.0417 mL	0.2083 mL	0.4167 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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