

kCAL01

Chemical Properties

CAS No. : 1364717-03-2

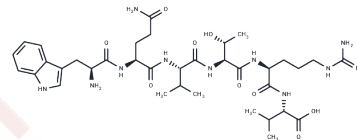
Formula: C₃₆H₅₇N₁₁O₉

Molecular Weight: 787.91

Keep away from moisture

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	kCAL01 is a CAL inhibitor with a K_i value of 2.3 μ M and holds potential for research in cystic fibrosis (CF).
Targets(IC ₅₀)	CFTR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2692 mL	6.3459 mL	12.6918 mL
5 mM	0.2538 mL	1.2692 mL	2.5384 mL
10 mM	0.1269 mL	0.6346 mL	1.2692 mL
50 mM	0.0254 mL	0.1269 mL	0.2538 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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