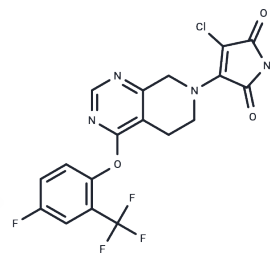


TRPC5-IN-4

Chemical Properties

CAS No. : 2762315-39-7
 Formula: C₁₈H₁₁ClF₄N₄O₃
 Molecular Weight: 442.75
 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	TRPC5-IN-4, a potent and safe TRPC inhibitor, exhibits IC ₅₀ values of 14.07 nM and 65 nM for TRPC5 and TRPC4, respectively, indicating high efficacy. It does not cause damage to liver and kidney cellular components, making it suitable for chronic kidney disease (CKD) research [1].
Targets(IC ₅₀)	Others,TRP/TRPV Channel

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2586 mL	11.2931 mL	22.5861 mL
5 mM	0.4517 mL	2.2586 mL	4.5172 mL
10 mM	0.2259 mL	1.1293 mL	2.2586 mL
50 mM	0.0452 mL	0.2259 mL	0.4517 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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