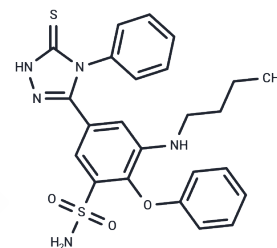


COX-2-IN-23

Chemical Properties

CAS No. :	2417995-08-3
Formula:	C ₂₄ H ₂₅ N ₅ O ₃ S ₂
Molecular Weight:	495.62
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	COX-2-IN-23 is a selective inhibitor of COX-2, with IC ₅₀ values of 0.28 and 20.14 μM for COX-2 and COX-1, respectively. COX-2-IN-23 exhibits anti-inflammatory effects as well as low ulcerogenic effects.
Targets(IC ₅₀)	Others, COX

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0177 mL	10.0884 mL	20.1767 mL
5 mM	0.4035 mL	2.0177 mL	4.0353 mL
10 mM	0.2018 mL	1.0088 mL	2.0177 mL
50 mM	0.0404 mL	0.2018 mL	0.4035 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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