

COX-2-IN-10

Chemical Properties

CAS No. :

Formula: C31H32FN5O2S

Molecular Weight: 557.68

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-10 is a potent COX-2 inhibitor that exhibits inhibitory effects on the production of IL-6, TNF- α , and IL-1 β , and inhibits PGE2 production in a concentration-dependent manner with an IC50 value of 2.54 μ M. Additionally, COX-2-IN-10 inhibits the expression of iNOS and COX-2 at both mRNA and protein levels.
Targets(IC50)	Others,COX

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7931 mL	8.9657 mL	17.9314 mL
5 mM	0.3586 mL	1.7931 mL	3.5863 mL
10 mM	0.1793 mL	0.8966 mL	1.7931 mL
50 mM	0.0359 mL	0.1793 mL	0.3586 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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