

COX-1-IN-2

Chemical Properties

CAS No. :

Formula: C₂₉H₂₂FN₃O₅

Molecular Weight: 479.57

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-1-IN-2 (compound 5h) serves as a potent anti-inflammatory and analgesic agent. This compound demonstrates a significant inhibitory effect on COX-1, with an IC ₅₀ value of 38.76 nM.
Targets(IC ₅₀)	COX

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0852 mL	10.426 mL	20.852 mL
5 mM	0.417 mL	2.0852 mL	4.1704 mL
10 mM	0.2085 mL	1.0426 mL	2.0852 mL
50 mM	0.0417 mL	0.2085 mL	0.417 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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