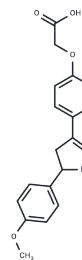


COX-2-IN-47

Chemical Properties

CAS No. : 2043670-02-4
 Formula: C₁₈H₁₈N₂O₄
 Molecular Weight: 326.35
 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-47 (compound 6c) is a selective inhibitor of COX-2, exhibiting an IC ₅₀ of 0.03 μM. This compound also displays antiedema activity.
Targets(IC ₅₀)	COX

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0642 mL	15.321 mL	30.6419 mL
5 mM	0.6128 mL	3.0642 mL	6.1284 mL
10 mM	0.3064 mL	1.5321 mL	3.0642 mL
50 mM	0.0613 mL	0.3064 mL	0.6128 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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