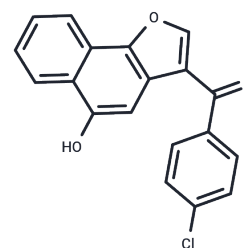


COX-2-IN-40

Chemical Properties

CAS No. : 444790-64-1
 Formula: C₁₉H₁₁ClO₃
 Molecular Weight: 322.74
 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-40 (compound 17), a COX-2 inhibitor, exhibits an IC ₅₀ value of 14.86 μM and is utilized in the study of chronic pain [1].
Targets(IC ₅₀)	COX

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0985 mL	15.4923 mL	30.9847 mL
5 mM	0.6197 mL	3.0985 mL	6.1969 mL
10 mM	0.3098 mL	1.5492 mL	3.0985 mL
50 mM	0.062 mL	0.3098 mL	0.6197 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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