

Axinelline A

Chemical Properties

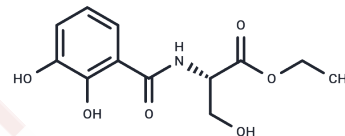
CAS No. : 1593741-99-1

Formula: C₁₂H₁₅NO₆

Molecular Weight: 269.25

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	Axinelline A, a potent inhibitor of cyclooxygenase (COX), demonstrates IC ₅₀ values of 2.22 μM for COX-2 and 8.89 μM for COX-1, indicating its higher affinity for COX-2. This compound exhibits anti-inflammatory activity [1].
Targets(IC ₅₀)	Others,COX

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.714 mL	18.5701 mL	37.1402 mL
5 mM	0.7428 mL	3.714 mL	7.428 mL
10 mM	0.3714 mL	1.857 mL	3.714 mL
50 mM	0.0743 mL	0.3714 mL	0.7428 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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