

5-LOX-IN-5

Chemical Properties

CAS No. :

Formula: C₁₉H₁₈BrN₃O₂S

Molecular Weight: 432.33

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	Compound 29, also known as 5-LOX-IN-5, is a 5-lipoxygenase (5-LOX) inhibitor with an inhibitory concentration 50 (IC ₅₀) of 56 nM, utilized in research pertaining to neurodegenerative diseases [1].
Targets(IC ₅₀)	Lipoxygenase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.313 mL	11.5652 mL	23.1305 mL
5 mM	0.4626 mL	2.313 mL	4.6261 mL
10 mM	0.2313 mL	1.1565 mL	2.313 mL
50 mM	0.0463 mL	0.2313 mL	0.4626 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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