

Zileuton sulfoxide

Chemical Properties

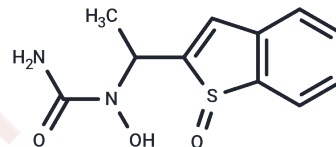
CAS No. : 1147524-83-1

Formula: C₁₁H₁₂N₂O₃S

Molecular Weight: 252.29

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	Zileutonsulfoxide is the sulfoxide derivative of Zileuton, which is an effective and selective inhibitor of the enzyme Lipoxygenase (5-LOX) and possesses anti-asthmatic properties.
Targets(IC50)	Lipoxygenase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.9637 mL	19.8185 mL	39.6369 mL
5 mM	0.7927 mL	3.9637 mL	7.9274 mL
10 mM	0.3964 mL	1.9818 mL	3.9637 mL
50 mM	0.0793 mL	0.3964 mL	0.7927 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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