

Anti-inflammatory agent 8

Chemical Properties

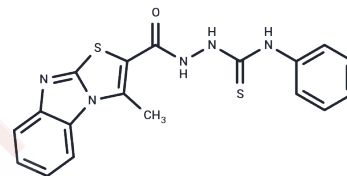
CAS No. : 1103920-19-9

Formula: C₁₈H₁₅N₅O₂S

Molecular Weight: 381.47

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	Anti-inflammatory agent 8 (compound 13), designated as an anti-inflammatory agent 8, displays enhanced activity on the COX-2 enzyme compared to COX-1, with an IC ₅₀ value of 0.09 nM, and exhibits oral bioavailability [1].
Targets(IC ₅₀)	Others,COX

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6214 mL	13.1072 mL	26.2144 mL
5 mM	0.5243 mL	2.6214 mL	5.2429 mL
10 mM	0.2621 mL	1.3107 mL	2.6214 mL
50 mM	0.0524 mL	0.2621 mL	0.5243 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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