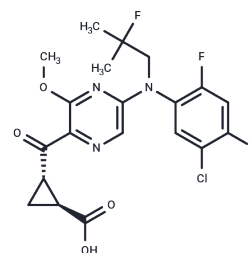


AZD9898

Chemical Properties

CAS No. : 2042347-69-1
Formula: C₂₀H₁₉ClF₃N₃O₄
Molecular Weight: 457.83
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	AZD9898 is an inhibitor of leukotriene-C4 synthetase with an IC ₅₀ of 0.28 nM. AZD9898 can be used in studies about asthma. AZD9898 mitigates the GABA binding and hepatic toxicity signal.
Targets(IC ₅₀)	Leukotriene Receptor
In vivo	AZD9898 (10 and 100 mg/kg; oral) is well tolerated and shows no safety concerns[1].

Solubility Information

Solubility	DMSO: 225mg/mL (491.4mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1842 mL	10.9211 mL	21.8422 mL
5 mM	0.4368 mL	2.1842 mL	4.3684 mL
10 mM	0.2184 mL	1.0921 mL	2.1842 mL
50 mM	0.0437 mL	0.2184 mL	0.4368 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.

Reference

Munck Af Rosenschöld M, et al. Discovery of the Oral Leukotriene C4 Synthase Inhibitor (1S,2S)-2-((5-[(5-Chloro-2,4-difluorophenyl)(2-fluoro-2-methylpropyl)amino]-3-methoxy-pyrazin-2-yl)carbonyl)cyclopropanecarboxylic

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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