
Product Data Sheet

Product Name: AZD9898

Cat. No.: GC64919

Chemical Properties

Cas. No. 2042347-69-1

Formula C₂₀H₁₉ClF₃N₃O₄

M.Wt 457.83

Solubility DMSO : ≥ 250 mg/mL (546.05 mM)

Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure **Background**

AZD9898 is an orally active leukotriene-C4 synthetase (LTC₄S, glutathione S-transferase II) inhibitor, with an IC₅₀ of 0.28 nM. AZD9898 mitigates the GABA binding and hepatic toxicity signal. AZD9898 has the potential to treat asthma[1].

AZD9898 with the single dose of 100 mg/kg is well tolerated and no safety concerns are raised[1].

[1]. 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-methoxypyrazin-2-yl}carbonyl)cyclopropanecarboxylic Acid (AZD9898) as a New Treatment for Asthma. J Med Chem. 2019 Aug 30.

Caution: Product has not been fully validated for medical applications. For research use only.

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