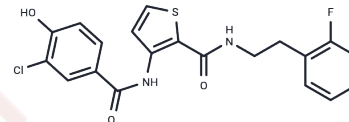


HSD17B13-IN-17

Chemical Properties

CAS No. : 2758802-10-5
 Formula: C₂₀H₁₆ClFN₂O₃S
 Molecular Weight: 418.87
 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	HSD17B13-IN-17 (compound 9) serves as a potent inhibitor of hydroxysteroid 17β-dehydrogenase 13 (HSD17B13). It demonstrates inhibitory efficacy with IC ₅₀ values of < 0.1 μM for estradiol and < 1 μM for Leukotriene B ₃ as substrates. This compound is significant in the management of nonalcoholic fatty liver diseases (NAFLDs), including nonalcoholic steatohepatitis (NASH) [1].
Targets(IC ₅₀)	Dehydrogenase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3874 mL	11.9369 mL	23.8738 mL
5 mM	0.4775 mL	2.3874 mL	4.7748 mL
10 mM	0.2387 mL	1.1937 mL	2.3874 mL
50 mM	0.0477 mL	0.2387 mL	0.4775 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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