

HSD17B13-IN-21

Chemical Properties

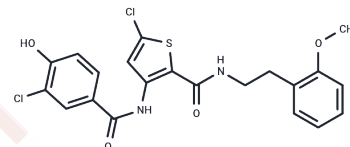
CAS No. : 2758802-18-3

Formula: C₂₁H₁₈Cl₂N₂O₄S

Molecular Weight: 465.35

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-21 (compound 17) serves as a potent inhibitor of hydroxysteroid 17 β -dehydrogenase 13 (HSD17B13), exhibiting an IC ₅₀ of < 0.1 μ M for estradiol and < 1 μ M for Leukotriene B ₃ as substrates. This compound plays a crucial role 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	2.1489 mL	10.7446 mL	21.4892 mL
5 mM	0.4298 mL	2.1489 mL	4.2978 mL
10 mM	0.2149 mL	1.0745 mL	2.1489 mL
50 mM	0.043 mL	0.2149 mL	0.4298 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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