

HSD17B13-IN-27

Chemical Properties

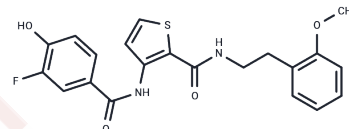
CAS No. : 2758802-31-0

Formula: C₂₁H₁₉FN₂O₄S

Molecular Weight: 414.45

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-27 (compound 30) serves as a potent inhibitor of hydroxysteroid 17 α -dehydrogenase 13 (HSD17B13), exhibiting an IC ₅₀ of less than 0.1 μ M and approximately less than 1 μ M for estradiol and Leukotriene B ₃ , respectively, as substrates. This compound is crucial 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	2.4128 mL	12.0642 mL	24.1284 mL
5 mM	0.4826 mL	2.4128 mL	4.8257 mL
10 mM	0.2413 mL	1.2064 mL	2.4128 mL
50 mM	0.0483 mL	0.2413 mL	0.4826 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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