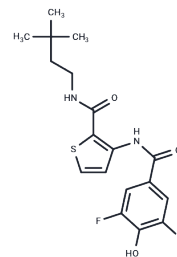


HSD17B13-IN-23

Chemical Properties

CAS No. : 2758802-19-4
 Formula: C₁₈H₂₀F₂N₂O₃S
 Molecular Weight: 382.42
 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-23 (compound 18) serves as a potent inhibitor of hydroxysteroid 17 β -dehydrogenase 13 (HSD17B13), demonstrating inhibition constants (IC ₅₀) of < 0.1 μ M and < 1 μ M when estradiol and Leukotriene B ₃ act as substrates, respectively. 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	2.6149 mL	13.0746 mL	26.1493 mL
5 mM	0.523 mL	2.6149 mL	5.2299 mL
10 mM	0.2615 mL	1.3075 mL	2.6149 mL
50 mM	0.0523 mL	0.2615 mL	0.523 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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