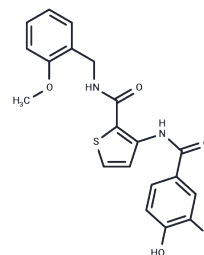


HSD17B13-IN-16

Chemical Properties

CAS No. : 2758802-09-2
 Formula: C₂₀H₁₇ClN₂O₄S
 Molecular Weight: 416.88
 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-16 (compound 8) serves as a potent inhibitor of hydroxysteroid 17 β -dehydrogenase 13 (HSD17B13), demonstrating an IC ₅₀ of <0.1 μ M and <1 μ M when using estradiol and Leukotriene B ₃ as substrates, respectively. The compound is notably significant in the treatment of nonalcoholic fatty liver diseases (NAFLDs), including nonalcoholic steatohepatitis (NASH) [1].
Targets(IC ₅₀)	Dehydrogenase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3988 mL	11.9939 mL	23.9877 mL
5 mM	0.4798 mL	2.3988 mL	4.7975 mL
10 mM	0.2399 mL	1.1994 mL	2.3988 mL
50 mM	0.048 mL	0.2399 mL	0.4798 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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Tel: 781-999-4286 E_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481