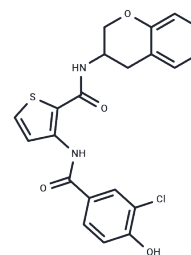


HSD17B13-IN-15

Chemical Properties

CAS No. : 2758802-07-0
 Formula: C₂₁H₁₇ClN₂O₄S
 Molecular Weight: 428.89
 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-15 (Compound 6) acts as an inhibitor targeting hydroxysteroid 17 β -dehydrogenase 13 (HSD17B13), exhibiting IC ₅₀ values of $\leq 1 \mu\text{M}$ for leukotriene B ₃ and $\leq 0.1 \mu\text{M}$ for estradiol. This compound finds applications in studying various conditions, including liver diseases, metabolic disorders, and cardiovascular diseases such as NAFLD, NASH, or drug-induced liver injury (DILI) [1].
Targets(IC ₅₀)	Dehydrogenase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3316 mL	11.658 mL	23.316 mL
5 mM	0.4663 mL	2.3316 mL	4.6632 mL
10 mM	0.2332 mL	1.1658 mL	2.3316 mL
50 mM	0.0466 mL	0.2332 mL	0.4663 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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