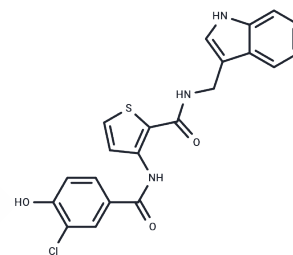


HSD17B13-IN-14

Chemical Properties

CAS No. : 2758802-05-8
 Formula: C₂₁H₁₆ClN₃O₃S
 Molecular Weight: 425.89
 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-14 (Compound 4) acts as a potent inhibitor of hydroxysteroid 17 β -dehydrogenase 13 (HSD17B13), achieving an IC ₅₀ of $\leq 1 \mu\text{M}$ for leukotriene B ₃ and $\leq 0.1 \mu\text{M}$ for estradiol. This compound is utilized in studying various conditions, including liver diseases, metabolic disorders, and cardiovascular diseases like NAFLD or NASH, as well as drug-induced liver injury (DILI) [1].
Targets(IC ₅₀)	Dehydrogenase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.348 mL	11.7401 mL	23.4802 mL
5 mM	0.4696 mL	2.348 mL	4.696 mL
10 mM	0.2348 mL	1.174 mL	2.348 mL
50 mM	0.047 mL	0.2348 mL	0.4696 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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