

HSD17B13-IN-53

Chemical Properties

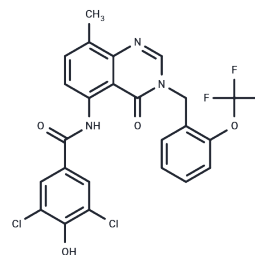
CAS No. : 2770246-81-4

Formula: C₂₄H₁₆Cl₂F₃N₃O₄

Molecular Weight: 538.3

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-53 (Compound 88) serves as an inhibitor targeting hydroxysteroid 17 β -dehydrogenase 13 (HSD17B13), demonstrating an IC ₅₀ of $\leq 0.1 \mu\text{M}$ against estradiol. This compound is utilized in the study of liver, metabolic, and cardiovascular diseases, including NAFLD and NASH, besides its application in drug-induced liver injury (DILI) [1].
Targets(IC ₅₀)	Dehydrogenase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8577 mL	9.2885 mL	18.577 mL
5 mM	0.3715 mL	1.8577 mL	3.7154 mL
10 mM	0.1858 mL	0.9289 mL	1.8577 mL
50 mM	0.0372 mL	0.1858 mL	0.3715 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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