

HSD17B13-IN-56

Chemical Properties

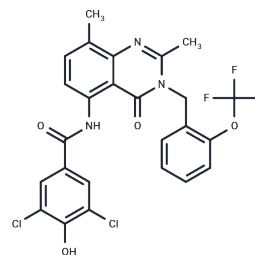
CAS No. : 2770246-82-5

Formula: C₂₅H₁₈Cl₂F₃N₃O₄

Molecular Weight: 552.33

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-56 (Compound 89), an inhibitor targeting hydroxysteroid 17β-dehydrogenase 13 (HSD17B13), exhibits potent activity with an IC ₅₀ value of ≤ 0.1 μM against estradiol. This compound is relevant for studies related to liver diseases, metabolic disorders, and cardiovascular conditions, including NAFLD, NASH, and drug-induced liver injury (DILI) [1].
Targets(IC50)	Dehydrogenase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8105 mL	9.0526 mL	18.1051 mL
5 mM	0.3621 mL	1.8105 mL	3.621 mL
10 mM	0.1811 mL	0.9053 mL	1.8105 mL
50 mM	0.0362 mL	0.1811 mL	0.3621 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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