

HSD17B13-IN-55

Chemical Properties

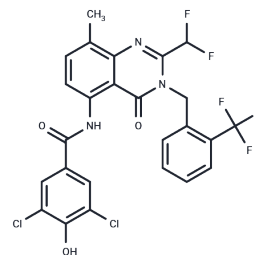
CAS No. : 2770247-58-8

Formula: C₂₅H₁₆Cl₂F₅N₃O₃

Molecular Weight: 572.31

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-55 (Compound 167) serves as an effective inhibitor of hydroxysteroid 17 β -dehydrogenase 13 (HSD17B13), exhibiting an IC ₅₀ value of $\leq 0.1 \mu\text{M}$ against estradiol. This compound is particularly useful in research related to liver, metabolic, and cardiovascular diseases including NAFLD, NASH, and drug-induced liver injury (DILI) [1].
Targets(IC ₅₀)	Dehydrogenase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7473 mL	8.7365 mL	17.473 mL
5 mM	0.3495 mL	1.7473 mL	3.4946 mL
10 mM	0.1747 mL	0.8737 mL	1.7473 mL
50 mM	0.0349 mL	0.1747 mL	0.3495 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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