

HSD17B13-IN-81

Chemical Properties

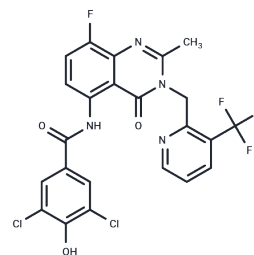
CAS No. : 2770247-45-3

Formula: C₂₃H₁₄Cl₂F₄N₄O₃

Molecular Weight: 541.28

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-81 (Compound 154) serves as an inhibitor targeting hydroxysteroid 17 β -dehydrogenase 13 (HSD17B13), exhibiting potent activity with an IC ₅₀ of $\leq 0.1 \mu\text{M}$ against estradiol. This compound is applicable in the study of various health conditions, including liver, metabolic, and cardiovascular diseases, particularly non-alcoholic fatty liver disease (NAFLD), non-alcoholic steatohepatitis (NASH), and drug-induced liver injury (DILI) [1].
Targets(IC50)	Dehydrogenase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8475 mL	9.2374 mL	18.4747 mL
5 mM	0.3695 mL	1.8475 mL	3.6949 mL
10 mM	0.1847 mL	0.9237 mL	1.8475 mL
50 mM	0.0369 mL	0.1847 mL	0.3695 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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