

HSD17B13-IN-83

Chemical Properties

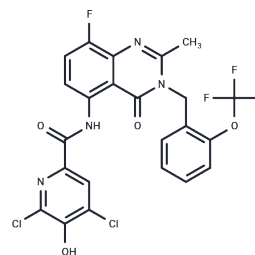
CAS No. : 2770247-41-9

Formula: C₂₃H₁₄Cl₂F₄N₄O₄

Molecular Weight: 557.28

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-83 (Compound 150), an inhibitor of hydroxysteroid 17 β -dehydrogenase 13 (HSD17B13), exhibits strong inhibitory activity with an IC ₅₀ of $\leq 0.1 \mu\text{M}$ against estradiol. This compound is applicable in the research of various diseases, including liver diseases, metabolic disorders, and cardiovascular conditions, specifically NAFLD or NASH, and drug-induced liver injury (DILI) [1].
Targets(IC ₅₀)	Dehydrogenase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7944 mL	8.9722 mL	17.9443 mL
5 mM	0.3589 mL	1.7944 mL	3.5889 mL
10 mM	0.1794 mL	0.8972 mL	1.7944 mL
50 mM	0.0359 mL	0.1794 mL	0.3589 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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