

HSD17B13-IN-51

Chemical Properties

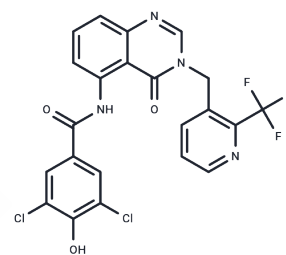
CAS No. : 2770246-75-6

Formula: C₂₂H₁₃Cl₂F₃N₄O₃

Molecular Weight: 509.26

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-51 (Compound 82), an inhibitor targeting hydroxysteroid 17 β -dehydrogenase 13 (HSD17B13), exhibits potent activity with an IC ₅₀ value of $\leq 0.1 \mu\text{M}$ against estradiol. This compound is useful in researching various conditions including liver, metabolic, and cardiovascular diseases—specifically NAFLD, NASH, and drug-induced liver injury (DILI) [1].
Targets(IC50)	Dehydrogenase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9636 mL	9.8182 mL	19.6363 mL
5 mM	0.3927 mL	1.9636 mL	3.9273 mL
10 mM	0.1964 mL	0.9818 mL	1.9636 mL
50 mM	0.0393 mL	0.1964 mL	0.3927 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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