

HSD17B13-IN-57

Chemical Properties

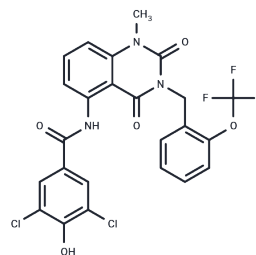
CAS No. : 2770246-86-9

Formula: C₂₄H₁₆Cl₂F₃N₃O₅

Molecular Weight: 554.3

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-57 (Compound 93) acts as an inhibitor targeting hydroxysteroid 17 β -dehydrogenase 13 (HSD17B13), demonstrating 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—specifically NAFLD, NASH—and drug-induced liver injury (DILI) [1].
Targets(IC50)	Dehydrogenase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8041 mL	9.0204 mL	18.0408 mL
5 mM	0.3608 mL	1.8041 mL	3.6082 mL
10 mM	0.1804 mL	0.902 mL	1.8041 mL
50 mM	0.0361 mL	0.1804 mL	0.3608 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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