

HSD17B13-IN-54

## Chemical Properties

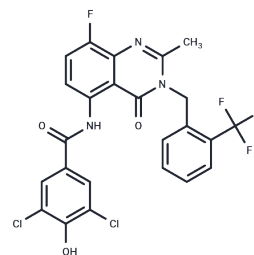
CAS No. : 2770247-49-7

Formula: C<sub>24</sub>H<sub>15</sub>Cl<sub>2</sub>F<sub>4</sub>N<sub>3</sub>O<sub>3</sub>

Molecular Weight: 540.29

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-54 (Compound 158) functions as an inhibitor targeting hydroxysteroid 17β-dehydrogenase 13 (HSD17B13), exhibiting an IC <sub>50</sub> value of ≤ 0.1 μM against estradiol. This compound holds potential for applications in the study of various liver, metabolic, and cardiovascular diseases, including NAFLD and NASH, as well as drug-induced liver injury (DILI) [1].
Targets(IC50)	Dehydrogenase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8509 mL	9.2543 mL	18.5086 mL
5 mM	0.3702 mL	1.8509 mL	3.7017 mL
10 mM	0.1851 mL	0.9254 mL	1.8509 mL
50 mM	0.037 mL	0.1851 mL	0.3702 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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