

HSD17B13-IN-65

## Chemical Properties

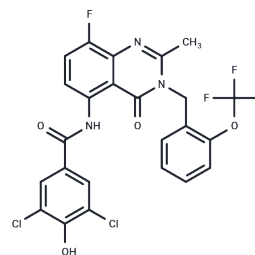
CAS No. : 2770247-59-9

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

Molecular Weight: 556.29

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-65 (Compound 168) acts as an inhibitor of hydroxysteroid 17 $\beta$ -dehydrogenase 13 (HSD17B13), demonstrating potent activity with an IC <sub>50</sub> value of $\leq 0.1$ $\mu$ M for estradiol. It is applicable in the study of various diseases, including liver, metabolic, and cardiovascular conditions like NAFLD or NASH, and in investigations of drug-induced liver injury (DILI) [1].
Targets(IC50)	Dehydrogenase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7976 mL	8.9881 mL	17.9762 mL
5 mM	0.3595 mL	1.7976 mL	3.5952 mL
10 mM	0.1798 mL	0.8988 mL	1.7976 mL
50 mM	0.036 mL	0.1798 mL	0.3595 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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