

HSD17B13-IN-11

Chemical Properties

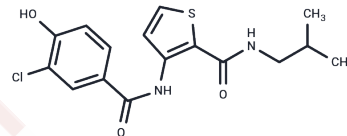
CAS No. : 2758802-03-6

Formula: C₁₆H₁₇ClN₂O₃S

Molecular Weight: 352.84

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-11 (Compound 2), with IC ₅₀ values of ≤ 1 μM for leukotriene B ₃ and ≤ 0.1 μM for estradiol, effectively inhibits hydroxysteroid 17β-dehydrogenase 13 (HSD17B13). This compound is utilized in studying various medical conditions including liver diseases, metabolic and cardiovascular disorders, particularly non-alcoholic fatty liver disease (NAFLD), non-alcoholic steatohepatitis (NASH), and drug-induced liver injury (DILI) [1].
Targets(IC ₅₀)	Dehydrogenase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8341 mL	14.1707 mL	28.3415 mL
5 mM	0.5668 mL	2.8341 mL	5.6683 mL
10 mM	0.2834 mL	1.4171 mL	2.8341 mL
50 mM	0.0567 mL	0.2834 mL	0.5668 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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