

FABP4/5-IN-5

Chemical Properties

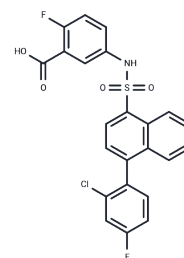
CAS No. : 2862791-11-3

Formula: C₂₃H₁₄ClF₂NO₄S

Molecular Weight: 473.88

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	FABP4/5-IN-5 (compound D9) serves as a potent inhibitor of both FABP 4 and FABP 5, demonstrating IC ₅₀ values of 4.68 μM and 10.72 μM, respectively. It is notably effective in addressing metabolic disorders such as diabetes mellitus [1].
Targets(IC ₅₀)	FABP

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1102 mL	10.5512 mL	21.1024 mL
5 mM	0.422 mL	2.1102 mL	4.2205 mL
10 mM	0.211 mL	1.0551 mL	2.1102 mL
50 mM	0.0422 mL	0.211 mL	0.422 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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