

FXR agonist 9

Chemical Properties

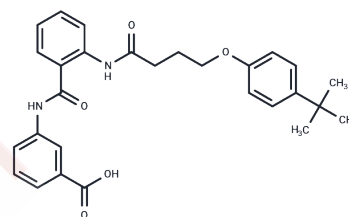
CAS No. : 2982502-32-7

Formula: C₂₈H₃₀N₂O₅

Molecular Weight: 474.55

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	FXR agonist9 (compound 26) is a selective, orally active partial agonist of FXR with an EC ₅₀ of 0.09 μM (maximum efficacy of 75.13%). It ameliorates the pathological features of fatty liver disease in mice induced by HFD and CCl ₄ -related metabolic dysfunction.
Targets(IC ₅₀)	FXR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1073 mL	10.5363 mL	21.0726 mL
5 mM	0.4215 mL	2.1073 mL	4.2145 mL
10 mM	0.2107 mL	1.0536 mL	2.1073 mL
50 mM	0.0421 mL	0.2107 mL	0.4215 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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