

## FXR agonist 10

## Chemical Properties

CAS No. :

Formula: C<sub>15</sub>H<sub>22</sub>O<sub>4</sub>

Molecular Weight: 266.33

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 agonist10 (Compound 27) acts as an agonist for FXR with an EC <sub>50</sub> of 14.26 μM. It increases the expression of SHP and BSEP proteins while decreasing the expression of NTCP and CYP7A1 proteins. Additionally, FXR agonist10 has been shown to ameliorate ANIT-induced cholestasis in mouse models.
Targets(IC <sub>50</sub> )	FXR

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.7547 mL	18.7737 mL	37.5474 mL
5 mM	0.7509 mL	3.7547 mL	7.5095 mL
10 mM	0.3755 mL	1.8774 mL	3.7547 mL
50 mM	0.0751 mL	0.3755 mL	0.7509 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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