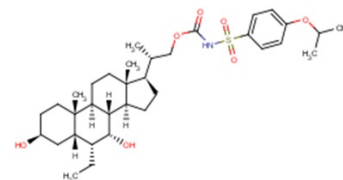


NR1H4 activator 1

Chemical Properties

CAS No.:	2242855-68-9
Formula:	C34H53NO7S
Molecular Weight:	619.85
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	NR1H4 activator 1 is a potent and selective agonist of Farnesoid X Receptor (FXR).
Targets(IC ₅₀)	Others: None
In vitro	NR1H4 activator (NR1H4, EC ₅₀ of 1 nM). This assay is aimed to determine the ligand mediated Gal4 promoter driven transactivation to quantify ligand binding mediated activation of FXR[1].

Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.613 mL	8.066 mL	16.133 mL
5 mM	0.323 mL	1.613 mL	3.227 mL
10 mM	0.161 mL	0.807 mL	1.613 mL
50 mM	0.032 mL	0.161 mL	0.323 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. Guoqiang Wang, et al. Bile acid derivatives as fxr agonists and methods of use thereof. Patent WO2018152171A1.

Inhibitors · Natural Compounds · Compound Libraries

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