

BE1218

## Chemical Properties

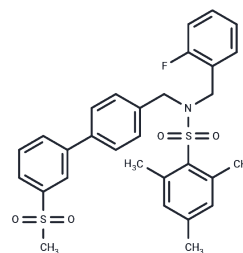
CAS No. : 2893967-40-1

Formula: C<sub>30</sub>H<sub>30</sub>FNO<sub>4</sub>S<sub>2</sub>

Molecular Weight: 551.69

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	BE1218 is a liver X receptor (LXR) inverse agonist, active on LXR $\alpha$ and LXR $\beta$ , with IC <sub>50</sub> values of 9 nM and 7 nM, respectively.
Targets(IC <sub>50</sub> )	Liver X Receptor

## Solubility Information

Solubility	DMSO: 5.52 mg/mL (10.01 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8126 mL	9.0631 mL	18.1261 mL
5 mM	0.3625 mL	1.8126 mL	3.6252 mL
10 mM	0.1813 mL	0.9063 mL	1.8126 mL
50 mM	0.0363 mL	0.1813 mL	0.3625 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.

## Reference

Elgendy B, et al. Synthesis and structure activity relationship of the first class of LXR inverse agonists. Bioorg Chem. 2022 ; 119:105540.

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