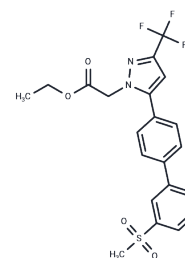


Rovazolac

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 1454288-88-0 |
| Formula: | C ₂₁ H ₁₉ F ₃ N ₂ O ₄ S |
| Molecular Weight: | 452.45 |
| 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 | Rovazolac (ALX-101) is a liver x receptor (LXR) modulator used in the study of immune system disorders and atopic dermatitis. |
| Targets(IC50) | Liver X Receptor |
| In vitro | Rovazolac is often used as a liver X receptor (LXR) agonist in vitro[1]. |

Solubility Information

| | |
|------------|--|
| Solubility | Ethanol: 8 mg/mL (17.68 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble) |
|------------|--|

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 2.2102 mL | 11.0509 mL | 22.1019 mL |
| 5 mM | 0.442 mL | 2.2102 mL | 4.4204 mL |
| 10 mM | 0.221 mL | 1.1051 mL | 2.2102 mL |
| 50 mM | 0.0442 mL | 0.221 mL | 0.442 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

Xu P, et al. LXR agonists: new potential therapeutic drug for neurodegenerative diseases. Mol Neurobiol. 2013 Dec; 48(3):715-28.

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