

## CB1R agonist 1

## Chemical Properties

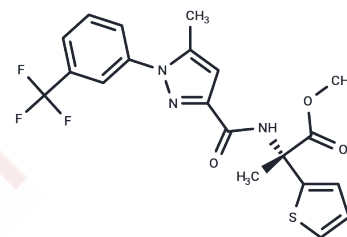
CAS No. :

Formula: C<sub>20</sub>H<sub>18</sub>F<sub>3</sub>N<sub>3</sub>O<sub>3</sub>S

Molecular Weight: 437.435

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   | CB1R agonist 1 (Compound '1350) is a potent full agonist of the cannabinoid-1 receptor (CB1R) with a $K_i$ value of 0.95 nM. It demonstrates significant pain-relieving effects in various pain models, including acute thermal pain, inflammatory pain, and neuropathic pain. |
| Targets(IC50) | Cannabinoid Receptor   |

## Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg       |
|-------|-----------|------------|------------|
| 1 mM  | 2.286 mL  | 11.4301 mL | 22.8603 mL |
| 5 mM  | 0.4572 mL | 2.286 mL   | 4.5721 mL  |
| 10 mM | 0.2286 mL | 1.143 mL   | 2.286 mL   |
| 50 mM | 0.0457 mL | 0.2286 mL  | 0.4572 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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