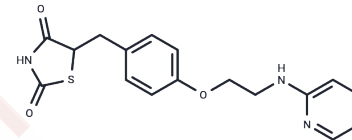


N-desmethyl Rosiglitazone

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 257892-31-2 |
| Formula: | C17H17N3O3S |
| Molecular Weight: | 343.4 |
| 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 | N-desmethyl Rosiglitazone is a major metabolite of rosiglitazone, a potent and selective PPAR γ ligand present in formulations that have been used to treat type 2 diabetes. Rosiglitazone is metabolized by the cytochrome P450 (CYP) isoform CYP2C8 to form N-desmethyl rosiglitazone. |
| Targets(IC50) | Others, Cytochromes P450, Drug Metabolite, PPAR |

Solubility Information

| | |
|------------|---|
| Solubility | DMSO:PBS(pH 7.2) (1:3): 0.5 mg/mL (1.46 mM), Sonication is recommended. DMSO: 34 mg/mL (99.01 mM), Sonication is recommended. DMF: 25 mg/mL (72.8 mM), Sonication is recommended. Ethanol: 1 mg/mL (2.91 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble) |
|------------|---|

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 2.9121 mL | 14.5603 mL | 29.1206 mL |
| 5 mM | 0.5824 mL | 2.9121 mL | 5.8241 mL |
| 10 mM | 0.2912 mL | 1.456 mL | 2.9121 mL |
| 50 mM | 0.0582 mL | 0.2912 mL | 0.5824 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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