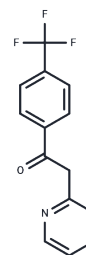


11 β -HSD1-IN-9

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 88283-34-5 |
| Formula: | C ₁₃ H ₉ F ₃ N ₂ O |
| Molecular Weight: | 266.22 |
| 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 | 11 β -HSD1-IN-9 is a potent inhibitor of 11 β -HSD1, displaying IC ₅₀ values of 0.48 μ M for human and 1.3 μ M for murine variants, respectively. It exhibits competitive interaction with rat 11 β -HSD1. This compound holds potential utility in research focused on obesity, hyperglycemia, and cognitive impairment. |
| Targets(IC ₅₀) | Others,Dehydrogenase |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 3.7563 mL | 18.7815 mL | 37.5629 mL |
| 5 mM | 0.7513 mL | 3.7563 mL | 7.5126 mL |
| 10 mM | 0.3756 mL | 1.8781 mL | 3.7563 mL |
| 50 mM | 0.0751 mL | 0.3756 mL | 0.7513 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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