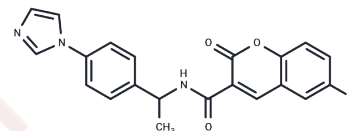


CYP19A1-IN-1

Chemical Properties

CAS No. : 889959-22-2
 Formula: C₂₁H₁₆ClN₃O₃
 Molecular Weight: 393.823
 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 | CYP19A1-IN-1 (Compound 9) is an inhibitor of CYP19A1 with an IC ₅₀ value of 271 nM. It functions by binding to CYP19A1, thereby inhibiting its activity in converting androgens to estrogens. CYP19A1-IN-1 is applicable in research related to estrogen-dependent breast cancer and other sex hormone-related conditions. |
| Targets(IC ₅₀) | Cytochromes P450 |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 2.5392 mL | 12.6962 mL | 25.3923 mL |
| 5 mM | 0.5078 mL | 2.5392 mL | 5.0785 mL |
| 10 mM | 0.2539 mL | 1.2696 mL | 2.5392 mL |
| 50 mM | 0.0508 mL | 0.2539 mL | 0.5078 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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