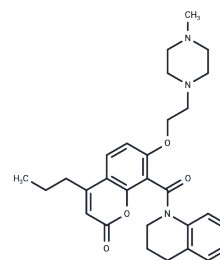


Topobexin

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 3076446-44-8 |
| Formula: | C ₂₉ H ₃₅ N ₃ O ₄ |
| Molecular Weight: | 489.61 |
| 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 | Topobexin (Topobexin 9) is a highly selective TOP2B inhibitor. It selectively inhibits TOP2B in vitro and stabilizes TOP2B on DNA. Topobexin offers significant protection to cardiomyocytes against DAU-induced damage. In rabbit models, Topobexin prevents anthracycline-induced cardiotoxicity and the decrease in left ventricular contractile function caused by DAU. |
| Targets(IC50) | Topoisomerase |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 2.0424 mL | 10.2122 mL | 20.4244 mL |
| 5 mM | 0.4085 mL | 2.0424 mL | 4.0849 mL |
| 10 mM | 0.2042 mL | 1.0212 mL | 2.0424 mL |
| 50 mM | 0.0408 mL | 0.2042 mL | 0.4085 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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