

Territrem C

Chemical Properties

| | |
|-------------------|--|
| CAS No. : | 89020-33-7 |
| Formula: | C ₂₈ H ₃₂ O ₉ |
| Molecular Weight: | 512.56 |
| Storage: | Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small> |

Biological Description

| | |
|----------------------------|---|
| Description | Territrem C is an acetylcholinesterase (AChE) inhibitor with an IC ₅₀ of 0.23 μM. This compound is categorized as an α-pyrone meroterpenoid and can be isolated from the fungus [Penicillium sp. SK5GW1L]. |
| Targets(IC ₅₀) | Cholinesterase (ChE) |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|-----------|------------|
| 1 mM | 1.951 mL | 9.755 mL | 19.5099 mL |
| 5 mM | 0.3902 mL | 1.951 mL | 3.902 mL |
| 10 mM | 0.1951 mL | 0.9755 mL | 1.951 mL |
| 50 mM | 0.039 mL | 0.1951 mL | 0.3902 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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