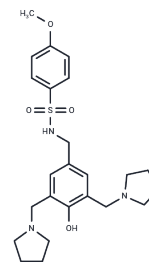


Sulcardine

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 343935-60-4 |
| Formula: | C ₂₄ H ₃₃ N ₃ O ₄ S |
| Molecular Weight: | 459.6 |
| 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 | Sulcardine, a multi-ion channel blocker, reduces I _{Na} and I _{Ca} with IC ₅₀ values of 26.9 μmol/L and 69.2 μmol/L, respectively. It has anti-arrhythmic effects [1]. |
| Targets(IC ₅₀) | Calcium Channel, Sodium Channel |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|-----------|------------|
| 1 mM | 2.1758 mL | 10.879 mL | 21.7581 mL |
| 5 mM | 0.4352 mL | 2.1758 mL | 4.3516 mL |
| 10 mM | 0.2176 mL | 1.0879 mL | 2.1758 mL |
| 50 mM | 0.0435 mL | 0.2176 mL | 0.4352 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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Tel: 781-999-4286 E_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481