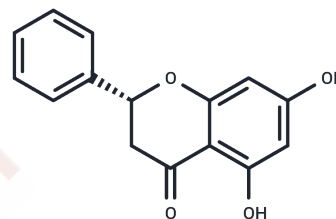


(-)-Pinocebrin

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 206660-42-6 |
| Formula: | C ₁₅ H ₁₂ O ₄ |
| Molecular Weight: | 256.25 |
| 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 | (-)-Pinocebrin demonstrates anti-mycobacterial activity against Mycobacterium tuberculosis H37Ra, presenting IC 50 values of 1.11 mg/mL in the dormant phase and 1.21 mg/mL in the active phase. Additionally, this compound exhibits significant antiproliferative effects on various cell lines, including THP-1, A549, Panc-1, HeLa, and MCF7, with IC 50 values ranging from 1.88 to 11.00 mg/mL. |
| Targets(IC50) | Others, Antibacterial |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 3.9024 mL | 19.5122 mL | 39.0244 mL |
| 5 mM | 0.7805 mL | 3.9024 mL | 7.8049 mL |
| 10 mM | 0.3902 mL | 1.9512 mL | 3.9024 mL |
| 50 mM | 0.078 mL | 0.3902 mL | 0.7805 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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