

Iristectorin A

Chemical Properties

| | |
|-------------------|--|
| CAS No.: | 37744-61-9 |
| Formula: | C ₂₃ H ₂₄ O ₁₂ |
| Molecular Weight: | 492.4 |
| Appearance: | N/A |
| Storage: | 0-4°C for short term (days to weeks), or -20°C for long term (months). |

Biological Description

| | |
|----------------------------|---|
| Description | Iristectorin A is a natural product from <i>Iris tectorum</i> . |
| Targets(IC ₅₀) | others: None |
| In vitro | From the rhizomes of <i>Belamcanda chinensis</i> , three new compounds, belalloside A (1), belalloside B (2), and belamphenone (3), along with 13 known compounds, resveratrol (4), iriflophenone (5), irisflorentin (6), tectorigenin (7), irilin D (8), tectoridin (9), Iristectorin A (10), iristectorin B (11), hispiduloside, androsin, irigenin, iridin, and jaceoside, have been isolated and characterized. |

Solubility Information

| | |
|------------|---|
| Solubility | < 1 mg/ml refers to the product slightly soluble or insoluble |
|------------|---|

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|----------|-----------|-----------|
| 1 mM | 2.031 mL | 10.154 mL | 20.309 mL |
| 5 mM | 0.406 mL | 2.031 mL | 4.062 mL |
| 10 mM | 0.203 mL | 1.015 mL | 2.031 mL |
| 50 mM | 0.041 mL | 0.203 mL | 0.406 mL |

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. Phenolic constituents of the rhizomes of the Thai medicinal plant *Belamcanda chinensis* with proliferative activity for two breast cancer cell lines. *J Nat Prod.* 2005 Mar;68(3):361-4.

Inhibitors · Natural Compounds · Compound Libraries

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use.

Tel:781-999-4286

E-mail:info@targetmol.com

Address:36 Washington Street,Wellesley Hills,MA 02481