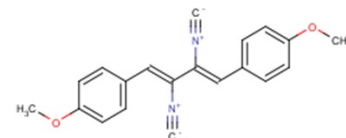


Xanthocillin X permethyl ether

Chemical Properties

| | |
|-------------------|--|
| CAS No.: | 4464-33-9 |
| Formula: | C ₂₀ H ₁₆ N ₂ O ₂ |
| Molecular Weight: | 316.35 |
| Appearance: | N/A |
| Storage: | 0-4°C for short term (days to weeks), or -20°C for long term (months). |



Biological Description

| | |
|----------------------------|---|
| Description | Xanthocillin X permethyl ether is a natural product isolated from fungal extracts, has A β -42 lowering activity. |
| Targets(IC ₅₀) | Others: None |

Solubility Information

| | |
|------------|--|
| Solubility | DMSO: 5 mg/mL (15.81 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble) |
|------------|--|

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|----------|-----------|-----------|
| 1 mM | 3.161 mL | 15.805 mL | 31.611 mL |
| 5 mM | 0.632 mL | 3.161 mL | 6.322 mL |
| 10 mM | 0.316 mL | 1.581 mL | 3.161 mL |
| 50 mM | 0.063 mL | 0.316 mL | 0.632 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

- Harms H, et al. A β -42 lowering agents from the marine-derived fungus *Dichotomomyces cejpaii*. *Steroids*. 2015 Dec;104:182-8.

Inhibitors · Natural Compounds · Compound Libraries

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