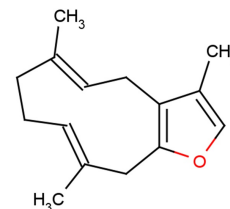


Data Sheet (Cat.No.TN1651)

Furanodiene

Chemical Properties

| | |
|-------------------|--|
| CAS No.: | 19912-61-9 |
| Formula: | C ₁₅ H ₂₀ O |
| Molecular Weight: | 216.15 |
| Appearance: | N/A |
| Storage: | 0-4°C for short term (days to weeks), or -20°C for long term (months). |



Biological Description

| | |
|----------------------------|---|
| Description | Furanodiene has anti-inflammatory and antioxidant activities, it is active against gram-positive bacteria and <i>Candida albicans</i> . |
| Targets(IC ₅₀) | CDK: None PARP: None Caspase: None |

Solubility Information

| | |
|------------|---|
| Solubility | DMSO: 10 mM (< 1 mg/ml refers to the product slightly soluble or insoluble) |
|------------|---|

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|----------|-----------|-----------|
| 1 mM | 4.626 mL | 23.132 mL | 46.264 mL |
| 5 mM | 0.925 mL | 4.626 mL | 9.253 mL |
| 10 mM | 0.463 mL | 2.313 mL | 4.626 mL |
| 50 mM | 0.093 mL | 0.463 mL | 0.925 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. Furanodiene, a natural product, inhibits breast cancer growth both in vitro and in vivo. *Cell Physiol Biochem.* 2012;30(3):778-90.

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