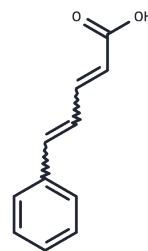


Cinnamylideneacetic acid

Chemical Properties

| | |
|-------------------|--|
| CAS No. : | 1552-94-9 |
| Formula: | C ₁₁ H ₁₀ O ₂ |
| Molecular Weight: | 174.2 |
| Appearance: | no data available |
| Storage: | Powder: -20°C for 3 years In solvent: -80°C for 1 year |



Biological Description

| | |
|---------------|--|
| Description | Cinnamylideneacetic acid (Beta-Styrylacrylic acid) is used as Synthetic building block, anti-malarial agent. |
| Targets(IC50) | Antibacterial |

Solubility Information

| | |
|------------|---|
| Solubility | DMSO: 50 mg/mL (287.03 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble) |
|------------|---|

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 5.7405 mL | 28.7026 mL | 57.4053 mL |
| 5 mM | 1.1481 mL | 5.7405 mL | 11.4811 mL |
| 10 mM | 0.5741 mL | 2.8703 mL | 5.7405 mL |
| 50 mM | 0.1148 mL | 0.5741 mL | 1.1481 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.

Reference

Werbel LM, et al. J Med Chem. 1968 Sep;11(5):1073-4.

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Tel: 781-999-4286 E_mail: info@targetmol.com Address: 36 Washington Street, Wellesley Hills, MA 02481