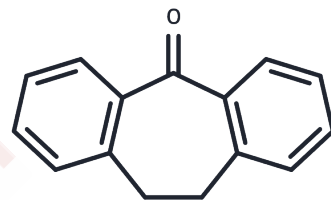


Dibenzosuberone

Chemical Properties

| | |
|-------------------|--|
| CAS No. : | 1210-35-1 |
| Formula: | C ₁₅ H ₁₂ O |
| Molecular Weight: | 208.26 |
| Appearance: | no data available |
| Storage: | Powder: -20°C for 3 years In solvent: -80°C for 1 year |



Biological Description

| | |
|---------------|---|
| Description | Dibenzosuberone, pharmaceutical intermediates, is used for the synthesis of drug amitriptyline. |
| Targets(IC50) | Others |

Solubility Information

| | |
|------------|--|
| Solubility | DMSO: 55 mg/mL (264.09 mM), Sonication is recommended. (< 1 mg/mL refers to the product slightly soluble or insoluble) |
|------------|--|

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 4.8017 mL | 24.0085 mL | 48.0169 mL |
| 5 mM | 0.9603 mL | 4.8017 mL | 9.6034 mL |
| 10 mM | 0.4802 mL | 2.4008 mL | 4.8017 mL |
| 50 mM | 0.096 mL | 0.4802 mL | 0.9603 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

Merkas S, et al. Molecules. 2005 Dec 31;10(12):1429-37.

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