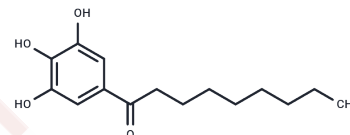


THPN

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 100079-26-3 |
| Formula: | C ₁₅ H ₂₂ O ₄ |
| Molecular Weight: | 266.33 |
| Storage: | Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA. |



Biological Description

| | |
|---------------|--|
| Description | THPN is a Nur77 agonist. It also induces autophagy in melanoma cell lines. |
| Targets(IC50) | Others,NR4A |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 3.7547 mL | 18.7737 mL | 37.5474 mL |
| 5 mM | 0.7509 mL | 3.7547 mL | 7.5095 mL |
| 10 mM | 0.3755 mL | 1.8774 mL | 3.7547 mL |
| 50 mM | 0.0751 mL | 0.3755 mL | 0.7509 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.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

- Wang et al (2014) Orphan nuclear receptor TR3 acts in autophagic cell death via mitochondrial signaling pathway. Nat.Chem.Biol. 10 133 PMID: 24316735
- Li et al (2015) Impeding the interaction between Nur77 and p38 reduces LPS-induced inflammation. Nat.Chem. Biol. 11 339 PMID: 25822914

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