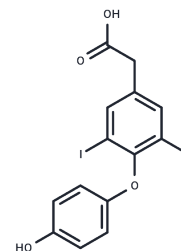


3,5-Diiodothyroacetic Acid

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 1155-40-4 |
| Formula: | C ₁₄ H ₁₀ I ₂ O ₄ |
| Molecular Weight: | 496.039 |
| 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 | 3,5-Diiodothyroacetic acid is a thyroid hormone analog known to reduce cholesterol concentrations and is potentially useful in the study of hypothyroidism. |
| Targets(IC50) | Others,Thyroid hormone receptor(THR) |

Solubility Information

| | |
|------------|---|
| Solubility | DMF: 30 mg/mL (60.48 mM),Sonication is recommended. DMSO: 30 mg/mL (60.48 mM),Sonication is recommended. DMSO:PBS (pH 7.2) (1:2): 0.33 mg/mL (0.67 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble) |
|------------|---|

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 2.016 mL | 10.0798 mL | 20.1597 mL |
| 5 mM | 0.4032 mL | 2.016 mL | 4.0319 mL |
| 10 mM | 0.2016 mL | 1.008 mL | 2.016 mL |
| 50 mM | 0.0403 mL | 0.2016 mL | 0.4032 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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