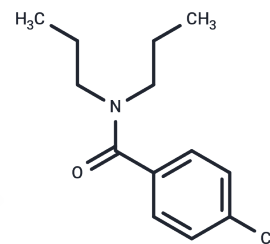


NSC 6038

Chemical Properties

CAS No. : 2447-87-2
 Formula: C₁₃H₁₈ClNO
 Molecular Weight: 239.74
 Storage: Pure form: -20°C for 3 years | In solvent: -80°C for 1 year
 Actual storage temperature shall be subject to the COA.



Biological Description

| | |
|---------------|--|
| Description | NSC-6038 (4-chloro-N,N-dipropylbenzamide) is a benzamide-based bioactive compound with a wide range of biological activities and has been shown to possess anti-inflammatory, antioxidant and anti-angiogenic activities, and has also been shown to be effective in the treatment of a wide range of diseases such as cancer, diabetes and cardiovascular diseases. |
| Targets(IC50) | Others |

Solubility Information

| | |
|------------|--|
| Solubility | DMSO: 50 mg/mL (208.56 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble) |
|------------|--|

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 4.1712 mL | 20.8559 mL | 41.7119 mL |
| 5 mM | 0.8342 mL | 4.1712 mL | 8.3424 mL |
| 10 mM | 0.4171 mL | 2.0856 mL | 4.1712 mL |
| 50 mM | 0.0834 mL | 0.4171 mL | 0.8342 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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