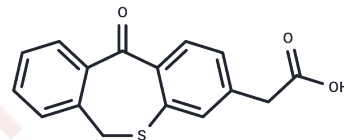


Tiopinac

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 61220-69-7 |
| Formula: | C ₁₆ H ₁₂ O ₃ S |
| Molecular Weight: | 284.33 |
| 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 | Tiopinac (RS 40974) has anti-inflammatory and analgesic activity, and exhibits anti-inflammatory activity in adrenalectomized rats. |
| Targets(IC50) | Others, Prostaglandin Receptor |
| In vivo | Tiopinac showed significant anti-inflammatory activity when given p.o. in rat models of acute and chronic inflammation, and could inhibit carrageenan-induced paw edema and cotton ball-induced granuloma [1]. |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 3.517 mL | 17.5852 mL | 35.1704 mL |
| 5 mM | 0.7034 mL | 3.517 mL | 7.0341 mL |
| 10 mM | 0.3517 mL | 1.7585 mL | 3.517 mL |
| 50 mM | 0.0703 mL | 0.3517 mL | 0.7034 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

Rooks WH 2nd, et al. The anti-inflammatory and analgesic profile of 6,11-dihydrodibenzo-[b.e.]-thiepin-11-one-3-acetic acid (tiopinac). Agents Actions. 1980 Jun;10(3):266-73.

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