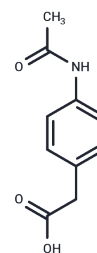


Actarit

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 18699-02-0 |
| Formula: | C ₁₀ H ₁₁ NO ₃ |
| Molecular Weight: | 193.2 |
| 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 | Actarit (4-acetylaminophenylacetic acid) is an anti-inflammatory drug. |
| Targets(IC50) | Others,Carbonic Anhydrase,IFNAR,TNF |

Solubility Information

| | |
|---------------------|---|
| Solubility | DMSO: 55 mg/mL (284.68 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble) |
| In vivo Formulation | 10% DMSO+40% PEG300+5% Tween 80+45% Saline: 2 mg/mL (10.35 mM),Sonication is recommended. <i>Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.</i> |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 5.176 mL | 25.8799 mL | 51.7598 mL |
| 5 mM | 1.0352 mL | 5.176 mL | 10.352 mL |
| 10 mM | 0.5176 mL | 2.588 mL | 5.176 mL |
| 50 mM | 0.1035 mL | 0.5176 mL | 1.0352 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

Canudas N, et al. Arzneimittelforschung. 2008;58(4):182-7.

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