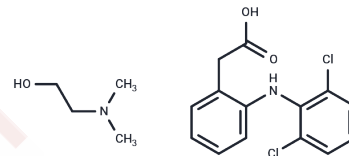


Diclofenac deanol

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 81811-14-5 |
| Formula: | C ₁₈ H ₂₂ Cl ₂ N ₂ O ₃ |
| Molecular Weight: | 385.29 |
| 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 | Diclofenac deanol is a nonsteroidal anti-inflammatory drug (NSAID) of the phenylacetic acid class with anti-inflammatory, analgesic, and antipyretic properties. Contrary to the action of many traditional NSAIDs, diclofenac inhibits cyclooxygenase (COX)-2 enzyme with greater potency than it does COX-1. |
| Targets(IC50) | Others,COX |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 2.5954 mL | 12.9772 mL | 25.9545 mL |
| 5 mM | 0.5191 mL | 2.5954 mL | 5.1909 mL |
| 10 mM | 0.2595 mL | 1.2977 mL | 2.5954 mL |
| 50 mM | 0.0519 mL | 0.2595 mL | 0.5191 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

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