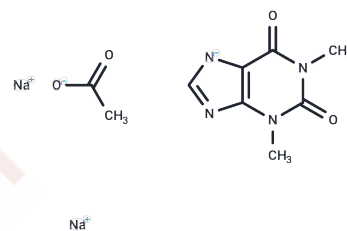


Theophyllol

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 8002-89-9 |
| Formula: | C ₉ H ₁₀ N ₄ Na ₂ O ₄ |
| Molecular Weight: | 284.18 |
| 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 | Theophyllol (theophylline sodium acetate) can alter calcium levels in subcellular fractions of rat brain cortex. |
| Targets(IC50) | Apoptosis,Others,Endogenous Metabolite,HDAC,Adenosine Receptor,Interleukin,PDE, TNF |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|-----------|
| 1 mM | 3.5189 mL | 17.5945 mL | 35.189 mL |
| 5 mM | 0.7038 mL | 3.5189 mL | 7.0378 mL |
| 10 mM | 0.3519 mL | 1.7594 mL | 3.5189 mL |
| 50 mM | 0.0704 mL | 0.3519 mL | 0.7038 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

Peyton JC, et, al. Chlordiazepoxide and theophylline alter calcium levels in subcellular fractions of rat brain cortex. Proc Soc Exp Biol Med. 1979 Jun;161(2):178-82.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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