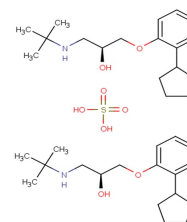


Penbutolol sulfate

Chemical Properties

| | |
|-------------------|---|
| CAS No.: | 38363-32-5 |
| Formula: | C ₁₈ H ₂₉ NO ₂ ·1/2H ₂ O ₄ S |
| Molecular Weight: | 340.47 |
| Appearance: | neat |
| Storage: | -20 |



Biological Description

| | |
|----------------------------|---|
| Description | Penbutolol sulfate is able to bind to both β 2-adrenergic receptor and β 1-adrenergic receptor, thus making it a non-selective β blocker. |
| Targets(IC ₅₀) | Others: None |

Solubility Information

| | |
|------------|--|
| Solubility | H ₂ O: 5 mg/mL (14.69 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble) |
|------------|--|

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|----------|-----------|-----------|
| 1 mM | 2.937 mL | 14.686 mL | 29.371 mL |
| 5 mM | 0.587 mL | 2.937 mL | 5.874 mL |
| 10 mM | 0.294 mL | 1.469 mL | 2.937 mL |
| 50 mM | 0.059 mL | 0.294 mL | 0.587 mL |

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Inhibitors · Natural Compounds · Compound Libraries

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use.

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