

Doxaminol

Chemical Properties

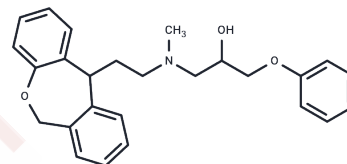
CAS No. : 55286-56-1

Formula: C₂₆H₂₉NO₃

Molecular Weight: 403.51

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 | Doxaminol is a synthetic partial beta-adrenergic agonist with sympathomimetic activity. Doxaminol may bind to and stimulate beta-1-adrenergic receptors located in the myocardium. As a result, it leads to a positive inotropic effect and increases in cardiac output. |
| Targets(IC50) | Others |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 2.4783 mL | 12.3913 mL | 24.7825 mL |
| 5 mM | 0.4957 mL | 2.4783 mL | 4.9565 mL |
| 10 mM | 0.2478 mL | 1.2391 mL | 2.4783 mL |
| 50 mM | 0.0496 mL | 0.2478 mL | 0.4957 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

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

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481