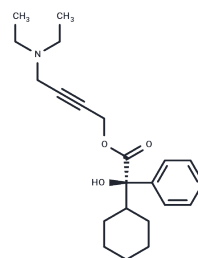


(R)-Oxybutynin

Chemical Properties

| | |
|-------------------|---------------------------------------------------------------------------------------------------------------------|
| CAS No. : | 119618-21-2 |
| Formula: | C ₂₂ H ₃₁ NO ₃ |
| Molecular Weight: | 357.49 |
| 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 | (R)-Oxybutynin (Aroxybutynin) is an orally active muscarinic receptor antagonist, which exhibits antimuscarinic, antispasmodic, and anticholinergic activity. This compound, being the (R)-isomer of Oxybutynin, competitively antagonizes Carbachol-induced contractions. It is particularly useful in researching neurogenic bladder dysfunction-related incontinence [1] [2] [3]. |
| Targets(IC50) | Others,AChR |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 2.7973 mL | 13.9864 mL | 27.9728 mL |
| 5 mM | 0.5595 mL | 2.7973 mL | 5.5946 mL |
| 10 mM | 0.2797 mL | 1.3986 mL | 2.7973 mL |
| 50 mM | 0.0559 mL | 0.2797 mL | 0.5595 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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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481