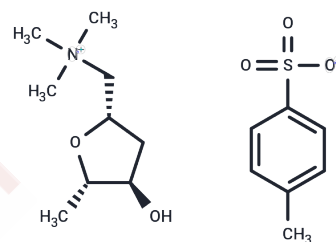


## Muscarine tosylate

## Chemical Properties

|                   |   |
|-------------------|---|
| CAS No. :         | 82083-43-0  |
| Formula:          | C <sub>16</sub> H <sub>27</sub> NO <sub>5</sub> S   |
| Molecular Weight: | 345.45  |
| Storage:          | Powder: -20°C for 3 years   In solvent: -80°C for 1 year<br>Actual storage temperature shall be subject to the COA. |



## Biological Description

|               |   |
|---------------|---|
| Description   | Muscarine ((+)-Muscarine) tosylate, a prototype mAChR agonist, serves as a parasympathetic nervous system stimulant and is recognized for its toxic properties [1] [2]. |
| Targets(IC50) | Others,AChR   |

## Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg       |
|-------|-----------|------------|------------|
| 1 mM  | 2.8948 mL | 14.4739 mL | 28.9477 mL |
| 5 mM  | 0.579 mL  | 2.8948 mL  | 5.7895 mL  |
| 10 mM | 0.2895 mL | 1.4474 mL  | 2.8948 mL  |
| 50 mM | 0.0579 mL | 0.2895 mL  | 0.579 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