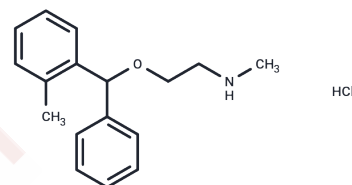


## Tofenacin hydrochloride

## Chemical Properties

CAS No. : 10488-36-5  
 Formula: C<sub>17</sub>H<sub>22</sub>ClNO  
 Molecular Weight: 291.82  
 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   | Tofenacin hydrochloride is an antidepressant drug with a tricyclic-like structure. It acts as a serotonin-norepinephrine reuptake inhibitor, and based on its close relation to orphenadrine, may also possess anticholinergic and antihistamine properties. Tofenacin is also the major active metabolite of orphenadrine and likely plays a role in its beneficial effects against depressive symptoms seen in Parkinson's disease patients. |
| Targets(IC50) | Others   |

## Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg       |
|-------|-----------|------------|------------|
| 1 mM  | 3.4268 mL | 17.1338 mL | 34.2677 mL |
| 5 mM  | 0.6854 mL | 3.4268 mL  | 6.8535 mL  |
| 10 mM | 0.3427 mL | 1.7134 mL  | 3.4268 mL  |
| 50 mM | 0.0685 mL | 0.3427 mL  | 0.6854 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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