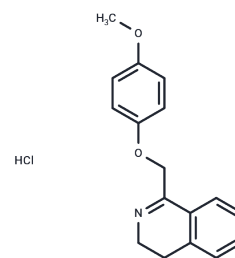


## Memotine HCl

### Chemical Properties

CAS No. : 10540-97-3  
Formula: C<sub>17</sub>H<sub>18</sub>ClNO<sub>2</sub>  
Molecular Weight: 303.78  
Appearance: no data available  
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



### Biological Description

|             |                                                                                                                                                                                                                                                                        |
|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description | Memotine HCl has antiviral activity against respiratory tract infection and is used as a therapeutic agent for acute respiratory diseases. It is also a memo fracture in the form of hydrochloride, an isoquinoline, with anti-myxovirus and paramyxovirus activities. |
|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg       |
|-------|-----------|------------|------------|
| 1 mM  | 3.2919 mL | 16.4593 mL | 32.9186 mL |
| 5 mM  | 0.6584 mL | 3.2919 mL  | 6.5837 mL  |
| 10 mM | 0.3292 mL | 1.6459 mL  | 3.2919 mL  |
| 50 mM | 0.0658 mL | 0.3292 mL  | 0.6584 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.

### Reference

Williamson GM, Jackson D. The antiviral activity of the isoquinolines famotone and memotine in respiratory infections in man. Bull World Health Organ. 1969;41(3):665-70. PubMed PMID: 5309492; PubMed Central PMCID:

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