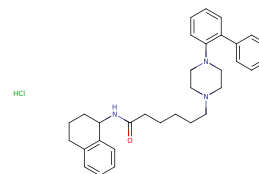


## LP 12 hydrochloride

### Chemical Properties

CAS No. : 1185136-22-4  
Formula: C<sub>32</sub>H<sub>40</sub>ClN<sub>3</sub>O  
Molecular Weight: 518.14  
Appearance: no data available  
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



### Biological Description

|             |                                                                                                                                                                                                                                                                                                             |
|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description | LP 12 hydrochloride is a selective 5-HT <sub>7</sub> receptor agonist (K <sub>i</sub> =0.13 nM). LP 12 hydrochloride is selective for 5-HT <sub>7</sub> over D <sub>2</sub> , 5-HT <sub>1A</sub> , and 5-HT <sub>2A</sub> receptors (K <sub>i</sub> values of 224 nM, 60.9 nM, and >1000 nM, respectively). |
|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### Solubility Information

|            |                                                                                 |
|------------|---------------------------------------------------------------------------------|
| Solubility | DMSO: > 10 mM<br>& 1 mg/ml refers to the product slightly soluble or insoluble) |
|------------|---------------------------------------------------------------------------------|

### Preparing Stock Solutions

|       | 1mg       | 5mg       | 10mg       |
|-------|-----------|-----------|------------|
| 1 mM  | 1.930 mL  | 9.6499 mL | 19.2998 mL |
| 5 mM  | 0.386 mL  | 1.930 mL  | 3.860 mL   |
| 10 mM | 0.193 mL  | 0.965 mL  | 1.930 mL   |
| 50 mM | 0.0386 mL | 0.193 mL  | 0.386 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.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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

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