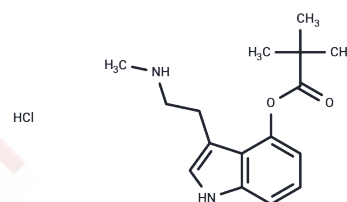


## 4-PivO-NMT chloride

### Chemical Properties

CAS No. : 3019920-38-5  
 Formula: C<sub>16</sub>H<sub>23</sub>ClN<sub>2</sub>O<sub>2</sub>  
 Molecular Weight: 310.82  
 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   | 4-PivO-NMT chloride is an indole derivative-based regulator of the AMPK signaling pathway. It modulates neurogenesis or neurite outgrowth by influencing AMPK activity and holds potential for research in neurological disorders, pain, and inflammation. |
| Targets(IC50) | AMPK   |

### Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg      |
|-------|-----------|------------|-----------|
| 1 mM  | 3.2173 mL | 16.0865 mL | 32.173 mL |
| 5 mM  | 0.6435 mL | 3.2173 mL  | 6.4346 mL |
| 10 mM | 0.3217 mL | 1.6086 mL  | 3.2173 mL |
| 50 mM | 0.0643 mL | 0.3217 mL  | 0.6435 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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