**L-DOPA methyl ester (hydrochloride)**

**Cat. No.**: C3785  
**CAS No.**: 1421-65-4  
**Formula**: C10H13NO4·HCl  
**M.Wt**: 247.7  
**Synonyms**: 3,4-Dihydroxyphenylalanine methyl ester, LDME, Levodopa methyl ester, ST 41769

**Target**: Neuroscience  
**Pathway**: Dopamine Receptor  
**Storage**: Store at -20°C

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**Solvent & Solubility**

<table>
<thead>
<tr>
<th>Mass</th>
<th>1mg</th>
<th>5mg</th>
<th>10mg</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 mM</td>
<td>4.0371 mL</td>
<td>20.1857 mL</td>
<td>40.3714 mL</td>
</tr>
<tr>
<td>5 mM</td>
<td>0.8074 mL</td>
<td>4.0371 mL</td>
<td>8.0743 mL</td>
</tr>
<tr>
<td>10 mM</td>
<td>0.4037 mL</td>
<td>2.0186 mL</td>
<td>4.0371 mL</td>
</tr>
</tbody>
</table>

$\geq$ 13.6mg/mL in DMSO

Please refer to the solubility information to select the appropriate solvent.

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**Biological Activity**

**Short Summary**: dopamine D1 receptor agonist

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**Product Citations**

Caution

FOR RESEARCH PURPOSES ONLY.
NOT FOR HUMAN, VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.
Specific storage and handling information for each product is indicated on the product datasheet. Most APExBIO products are stable under the recommended conditions. Products are sometimes shipped at a temperature that differs from the recommended storage temperature. Short term storage of many products are stable in the short-term at temperatures that differ from that required for long-term storage. We ensure that the product is shipped under conditions that will maintain the quality of the reagents. Upon receipt of the product, follow the storage recommendations on the product data sheet.

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