Product Name: Tetrindole mesylate  
Catalog No.: 0723  
Batch No.: 1  
CAS Number: 170964-68-8  
IUPAC Name: 2,3,3a,4,5,6-Hexahydro-8-cyclohexyl-1H-pyrazino[3,2,1-j,k]carbazole mesylate

1. PHYSICAL AND CHEMICAL PROPERTIES

   Batch Molecular Formula: \( \text{C}_{20}\text{H}_{26}\text{N}_{2}\text{CH}_{3}\text{SO}_{3}\text{H} \)
   Batch Molecular Weight: 390.54
   Physical Appearance: White solid
   Solubility: DMSO to 100 mM
   Storage: Store at RT
   Batch Molecular Structure:

2. ANALYTICAL DATA

   HPLC: Shows >99.9% purity
   \(^1\text{H} \text{NMR:} \) Consistent with structure
   Mass Spectrum: Consistent with structure
   Microanalysis:
   
<table>
<thead>
<tr>
<th>Element</th>
<th>Theoretical</th>
<th>Found</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carbon</td>
<td>64.59</td>
<td>64.53</td>
</tr>
<tr>
<td>Hydrogen</td>
<td>7.74</td>
<td>7.81</td>
</tr>
<tr>
<td>Nitrogen</td>
<td>7.17</td>
<td>7.09</td>
</tr>
</tbody>
</table>

Caution - Not Fully Tested • Research Use Only • Not For Human or Veterinary Use

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Rest of World  www.tocris.com/distributors  Tel:+1 612 379 2956
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<table>
<thead>
<tr>
<th>Description:</th>
<th>Novel antidepressant, a selective inhibitor of MAO-A.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical and Chemical Properties:</td>
<td></td>
</tr>
<tr>
<td>Batch Molecular Formula:</td>
<td>C20H20N2.CH3SO.H</td>
</tr>
<tr>
<td>Batch Molecular Weight:</td>
<td>390.54</td>
</tr>
<tr>
<td>Physical Appearance:</td>
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</tr>
<tr>
<td>Minimum Purity:</td>
<td>&gt;99%</td>
</tr>
<tr>
<td><strong>Batch Molecular Structure:</strong></td>
<td>![Structure Image]</td>
</tr>
</tbody>
</table>

**Storage:** Store at RT

**Solubility & Usage Info:**
DMSO to 100 mM

**Stability and Solubility Advice:**
Some solutions can be difficult to obtain and can be encouraged by rapid stirring, sonication or gentle warming (in a 45-60°C water bath).

Information concerning product stability, particularly in solution, has rarely been reported and in most cases we can only offer a general guide. Our standard recommendations are:

**SOLIDS:** Provided storage is as stated on the product label and the vial is kept tightly sealed, the product can be stored for up to 6 months from date of receipt.

**SOLUTIONS:** We recommend that stock solutions, once prepared, are stored aliquoted in tightly sealed vials at -20°C or below and used within 1 month. Wherever possible solutions should be made up and used on the same day.

**References:**