Deferoxamine mesylate

Cat. No.: B6068
CAS No.: 138-14-7
Formula: C26H52N6O11S
M.Wt: 656.79
Synonyms: Others
Target: Others
Pathway: Others
Storage: Store at -20°C

Solvent & Solubility

<table>
<thead>
<tr>
<th>Preparing Stock Solutions</th>
<th>Mass Concentration</th>
<th>1mg</th>
<th>5mg</th>
<th>10mg</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1 mM</td>
<td>1.5226 mL</td>
<td>7.6128 mL</td>
<td>15.2256 mL</td>
</tr>
<tr>
<td></td>
<td>5 mM</td>
<td>0.3045 mL</td>
<td>1.5226 mL</td>
<td>3.0451 mL</td>
</tr>
<tr>
<td></td>
<td>10 mM</td>
<td>0.1523 mL</td>
<td>0.7613 mL</td>
<td>1.5226 mL</td>
</tr>
</tbody>
</table>

≥65.7 mg/mL in H2O; insoluble in EtOH; ≥29.8 mg/mL in DMSO

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

Biological Activity

Shortsummary: iron-chelating agent

IC₅₀ & Target

In Vitro Cell Viability Assay

Preparation method:

Animal experiment

Applications:

Product Citations
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. Shortterm 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.


References

Caution