Tiopronin (Thiola)

Cat. No.: A8538
CAS No.: 1953-02-2
Formula: C5H9NO3S
M.Wt: 163.19

Synonyms:
Target: Others
Pathway: Others
Storage: Store at -20°C

Solvent & Solubility

- ≥110.6 mg/mL in H2O; ≥120.6 mg/mL in EtOH; ≥6.8 mg/mL in DMSO

<table>
<thead>
<tr>
<th>In Vitro Stock Solutions</th>
<th>Mass (mg)</th>
<th>1mg Solvent Concentration</th>
<th>5mg</th>
<th>10mg</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 mM</td>
<td></td>
<td>6.1278 mL</td>
<td>30.6391 mL</td>
<td>61.2783 mL</td>
</tr>
<tr>
<td>5 mM</td>
<td></td>
<td>1.2256 mL</td>
<td>6.1278 mL</td>
<td>12.2557 mL</td>
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<tr>
<td>10 mM</td>
<td></td>
<td>0.6128 mL</td>
<td>3.0639 mL</td>
<td>6.1278 mL</td>
</tr>
</tbody>
</table>

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

Biological Activity

Shortsummary
Drug for cystinuria treatment

IC₅₀ & Target

<table>
<thead>
<tr>
<th>In Vitro</th>
<th>Preparation method:</th>
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Cell Viability Assay

<table>
<thead>
<tr>
<th>In Vivo</th>
<th>Animal experiment</th>
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<td></td>
<td>Applications:</td>
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</tbody>
</table>

Product Citations

Product Name: Tiopronin (Thiola)
Revision Date: 01/10/2021

References

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.