**Product Name:** Diammonium Glycyrrhizinate  
**Catalog Number:** T0522  
**CAS Number:** 79165-06-3  
**Molecular Formula:** C42H62O16·2H3N  
**Molecular Weight:** 857.00

**Description:** Diammonium glycyrrhizinate, an extensively used anti-inflammatory agent, is isolated from the licorice root. It is metabolized to glycyrrhetinic acid, which inhibits 11-β-hydroxysteroid dehydrogenase and other enzymes involved in the metabolism of corticosteroids. Therefore, glycyrrhizic acid, the main and sweet component of licorice, has been studied for its ability to cause hypermineralocorticoidism with potassium loss and sodium retention, edema, increased blood pressure, as well as inhibited the renin-angiotensin-aldosterone system.

**Storage:** 2 years -80°C in solvent; 3 years -20°C powder;

**Solubility**

<table>
<thead>
<tr>
<th>Solvent</th>
<th>Solubility</th>
</tr>
</thead>
<tbody>
<tr>
<td>DMSO</td>
<td>116.7 mM</td>
</tr>
<tr>
<td>Water</td>
<td>116.7 mM</td>
</tr>
</tbody>
</table>

(< 1 mg/ml refers to the product slightly soluble or insoluble)

**Receptor (IC50)**

11-beta-hydroxysteroid dehydrogenase

**Reference**


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Information for product storage and handling is indicated on the product datasheet. Targetmol products are stable for long term under the recommended storage conditions. Our products may be shipped under different conditions as many of them are stable in the short-term at higher or even room temperatures. We ensure that the product is shipped under conditions that will maintain the quality of the reagents. Upon receipt of the product, please follow the storage recommendations on the product data sheet.