Rimeporide hydrochloride

Cat. No.: HY-19273A
CAS No.: 187870-95-7
Molecular Formula: C₁₁H₁₆ClN₃O₅S₂
Molecular Weight: 369.84
Target: Sodium Channel
Pathway: Membrane Transporter/Ion Channel
Storage: Please store the product under the recommended conditions in the COA.

BIOLOGICAL ACTIVITY

<table>
<thead>
<tr>
<th>Description</th>
<th>Rimeporide hydrochloride (EMD-87580 hydrochloride) is a potent and selective inhibitor of the Na⁺/H⁺ exchanger (NHE-1).</th>
</tr>
</thead>
<tbody>
<tr>
<td>IC₅₀ &amp; Target</td>
<td>NHE1[1]</td>
</tr>
<tr>
<td>In Vitro</td>
<td>Blocking NHE-1 activity has been shown to decrease intracellular Na⁺ and Ca²⁺ overload and pH and Rimeporide (EMD-87580) represents a new therapeutic option for duchenne muscular dystrophy (DMD). Rimeporide (EMD-87580) is expected to act as a muscle-sparing agent and its mode of action means that it is mutation independent[1].</td>
</tr>
</tbody>
</table>

REFERENCES


Caution: Product has not been fully validated for medical applications. For research use only.
Tel: 609-228-6898 Fax: 609-228-5909 E-mail: tech@MedChemExpress.com
Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA