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>
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<tbody>
<tr>
<td>IC₅₀ &amp; Target</td>
<td>NHE1[1]</td>
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In Vitro

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].

REFERENCES