Dimethyl lithospermate B

Cat. No.: HY-N6868  
CAS No.: 875313-64-7  
Molecular Formula: C₃₈H₃₄O₁₆  
Molecular Weight: 746.67  
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>Dimethyl lithospermate B (dmLSB) is a selective Na⁺ channel agonist. Dimethyl lithospermate B slows inactivation of sodium current (I_{Na}), leading to increased inward current during the early phases of the action potential (AP)(^{[1][2]}).</th>
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</thead>
<tbody>
<tr>
<td>IC(_{50}) &amp; Target</td>
<td>Na⁺ channel(^{[1]})</td>
</tr>
</tbody>
</table>

### REFERENCES


Caution: Product has not been fully validated for medical applications. For research use only.

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