Sipatrigine

Cat. No.: HY-108335  
CAS No.: 130800-90-7  
Molecular Formula: C₁₅H₁₆Cl₃N₅  
Molecular Weight: 372.68  
Target: Sodium Channel; Calcium Channel  
Pathway: Membrane Transporter/Ion Channel; Neuronal Signaling  
Storage:  
- Powder: -20°C 3 years, 4°C 2 years  
- In solvent: -80°C 6 months, -20°C 1 month

**BIOLOGICAL ACTIVITY**

<table>
<thead>
<tr>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sipatrigine, a neuroprotective agent, is a glutamate release inhibitor, voltage-dependent sodium channel and calcium channel inhibitor, penetrating the central nervous system. Has potential to treat focal cerebral ischemia and stroke[1][2].</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>IC₅₀ &amp; Target</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium channel, calcium channel[1][2].</td>
</tr>
</tbody>
</table>

**REFERENCES**


[2]. Atticus H. Hainsworth, et al. Sipatrigine (BW 619C89) is a Neuroprotective Agent and a Sodium Channel and Calcium Channel Inhibitor. CNS Drug Reviews. Vol. 6, No. 2, pp. 111-134.

---

**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