SCH 50911 hydrochloride

**Cat. No.:** HY-12783  
**CAS No.:** 160415-07-6  
**Molecular Formula:** C₈H₁₆ClNO₃  
**Molecular Weight:** 209.67  
**Target:** GABA Receptor  
**Pathway:** Membrane Transporter/Ion Channel; Neuronal Signaling  
**Storage:** Please store the product under the recommended conditions in the COA.

### BIOLOGICAL ACTIVITY

<table>
<thead>
<tr>
<th>Description</th>
<th>SCH 50911 hydrochloride, (+)-(S)-5,5-dimethylmorpholinyl-2-acetic acid, a selective, orally-active and competitive γ-Aminobutyric acid B GABA(B) receptor antagonist, binds to GABA(B) receptor with IC₅₀ of 1.1 μM. SCH 50911 hydrochloride antagonizes GABA(B) autoreceptors, increasing the electrically-stimulated ³H overflow with an IC₅₀ of 3 μM.</th>
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</table>
| IC₅₀ & Target | GABA(B)  
1.1 μM (IC₅₀) |

### REFERENCES