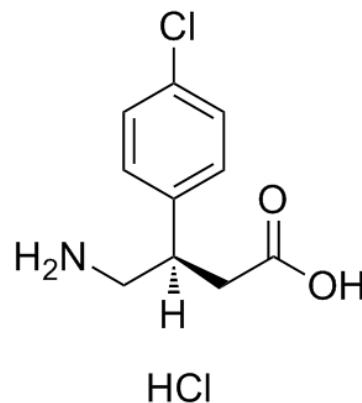


**Product Name** : (R)-Baclofen hydrochloride  
**Cat. No.** : PC-45172  
**CAS No.** : 63701-55-3  
**Molecular Formula** : C<sub>10</sub>H<sub>13</sub>Cl<sub>2</sub>NO<sub>2</sub>  
**Molecular Weight** : 250.1217  
**Target** : GABA Receptor  
**Solubility** : 10 mM in DMSO



### Biological Activity

A derivative of the neurotransmitter GABA that acts as a GABAB receptor agonist; also blocks  $\alpha 2\delta$  subunit-containing voltage-dependent calcium channel (VDCC) with  $K_i$  of 156  $\mu$ M; A neurotransmitter inhibitor by blocking the release of excitatory transmitters; serves as a central nervous system depressant and skeletal muscle relaxant.

Other Indication

Approved

### References

Zvejniece L, et al. Pharmacol Biochem Behav. 2015 Oct;137:23-9.

Carter LP, et al. Pharmacol Ther. 2009 Jan;121(1):100-14.

**Caution: Product has not been fully validated for medical applications. Lab Use Only!**

E-mail: tech@probechem.com