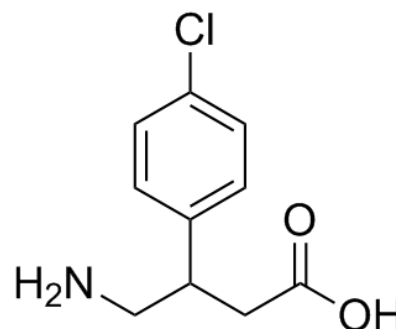


Product Name : Baclofen
Cat. No. : PC-46124
CAS No. : 1134-47-0
Molecular Formula : C₁₀H₁₂ClNO₂
Molecular Weight : 213.6608
Target : GABA Receptor
Solubility : DMSO: < 7.8 mg/mL



Biological Activity

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

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!

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