

Product Name : (R)-Baclofen

Synonyms : STX-209

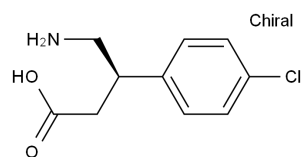
Cat No. : M15651

CAS Number : 69308-37-8

Molecular Formula : C₁₀H₁₂ClNO₂

Formula Weight : 213.66

Chemical Name : Benzenepropanoic acid, β-(aminomethyl)-4-chloro-, (βR)-



Description : A derivative of the neurotransmitter GABA that acts as a GABAB receptor agonist; also blocks α2δ subunit-containing voltage-dependent calcium channel (VDCC) with K_i of 156 μM; A neurotransmitter inhibitor by blocking the release of excitatory transmitters; serves as a central nervous system depressant and skeletal muscle relaxant. Other Indication Approved

Pathway : Membrane Transporter/Ion Channel

Target : GAT

Receptor : GABAR

Solubility : H₂O: 5 mg/mL (Need ultrasonic)

SMILES : O=C(O)C[C@H](C1=CC=C(Cl)C=C1)CN

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Zvejniece L, et al. Pharmacol Biochem Behav. 2015 Oct;137:23-9. 2. Carter LP, et al. Pharmacol Ther. 2009 Jan;121(1):100-14.