

Product Name : (R)-Baclofen hydrochloride

Synonyms : STX-209 hydrochloride

Cat No. : M15416

CAS Number : 63701-55-3

Molecular Formula : C₁₀H₁₃Cl₂NO₂

Formula Weight : 250.12

Chemical Name : Benzenepropanoic acid, β-(aminomethyl)-4-chloro-, hydrochloride (1:1), (βR)-

Description : A derivative of the neurotransmitter GABA that acts as a GABAB receptor agonist; also blocks α_{2δ} 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.

Pathway : Membrane Transporter/Ion Channel

Target : GAT

Receptor : GAT

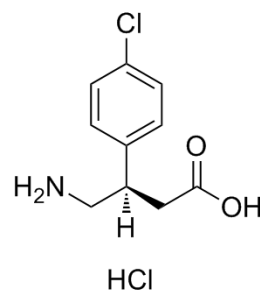
Solubility : 10 mM in DMSO

SMILES : c1cc(ccc1[C@@H](CC(=O)O)CN)Cl.Cl

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.