Product overview

Name: Acamprosate calcium
Cat No: HB0099
Short description: GABA receptor agonist and glutamatergic modulator
Biological description: GABA receptor agonist. Also acts as NMDA receptor and mGluR5 antagonist. Taurinate analog. Reduces alcohol addiction in various animal models. Displays neuroprotective properties.
Alternative names: Calcium acetylhomotaurinate | Campral
Biological action: Agonist

Properties

Chemical name: 3-(Acetylamino)-1-propanesulfonic acid hemicalcium salt
Molecular Weight: 200.24
Chemical structure:

![Chemical structure of Acamprosate calcium]

Molecular Formula: C_{5}H_{10}NO_{4}S.\frac{1}{2}Ca
CAS Number: 77337-73-6

Storing and Using Your Product

Storage instructions: room temperature (desiccated)
Solubility overview: soluble in water (100mM)
Important: This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use.

References for Acamprosate calcium

Neuroprotective and abstinence-promoting effects of acamprosate: elucidating the mechanism of action.
PubMedID: 15963001
Acamprosate enhances N-methyl-D-aspartate receptor-mediated neurotransmission but inhibits presynaptic GABA(B) receptors in nucleus accumbens neurons.


PubMedID: 9514305