

Acamprosate (calcium)

Catalog No: tcsc0715



Available Sizes

Size: 50mg



Specifications

CAS No:

77337-73-6

Formula:

$C_5H_{10}NO_4S \cdot \frac{1}{2}Ca$

Pathway:

Neuronal Signaling;Membrane Transporter/Ion Channel

Target:

GABA Receptor;GABA Receptor

Purity / Grade:

>98%

Solubility:

H₂O : ≥ 100 mg/mL (499.40 mM)

Alternative Names:

Calcium N-acetylhomotaurinate

Observed Molecular Weight:

200.24

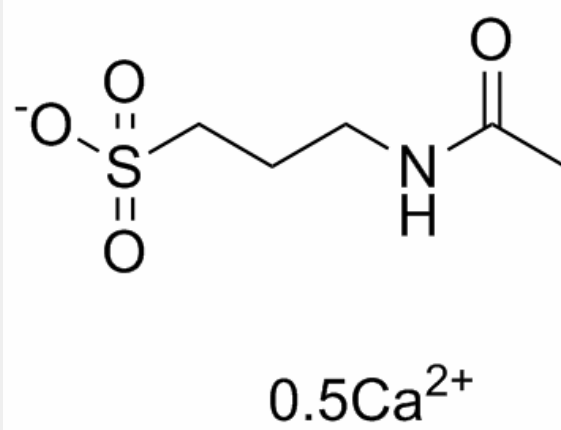
Product Description

Acamprosate calcium(Campral EC) is a GABA receptor agonist and modulator of glutamatergic systems; reduces alcohol consumption in animal models of alcohol addiction.

IC₅₀ value:

Target: GABA receptor

Acamprosate, or N-acetyl homotaurine, is an N-methyl-D-aspartate receptor modulator approved by the Food and Drug Administration (FDA) as a pharmacological treatment for alcohol dependence. Acamprosate has low bioavailability, but also has an excellent tolerability and safety profile. In comparison with naltrexone and disulfiram, which are the other FDA-approved treatments for alcohol dependence, acamprosate is unique in that it is not metabolized by the liver and is also not impacted by alcohol use, so can be administered to patients with hepatitis or liver disease (a common comorbid condition among individuals with alcohol dependence) and to patients who continue drinking alcohol.



All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!