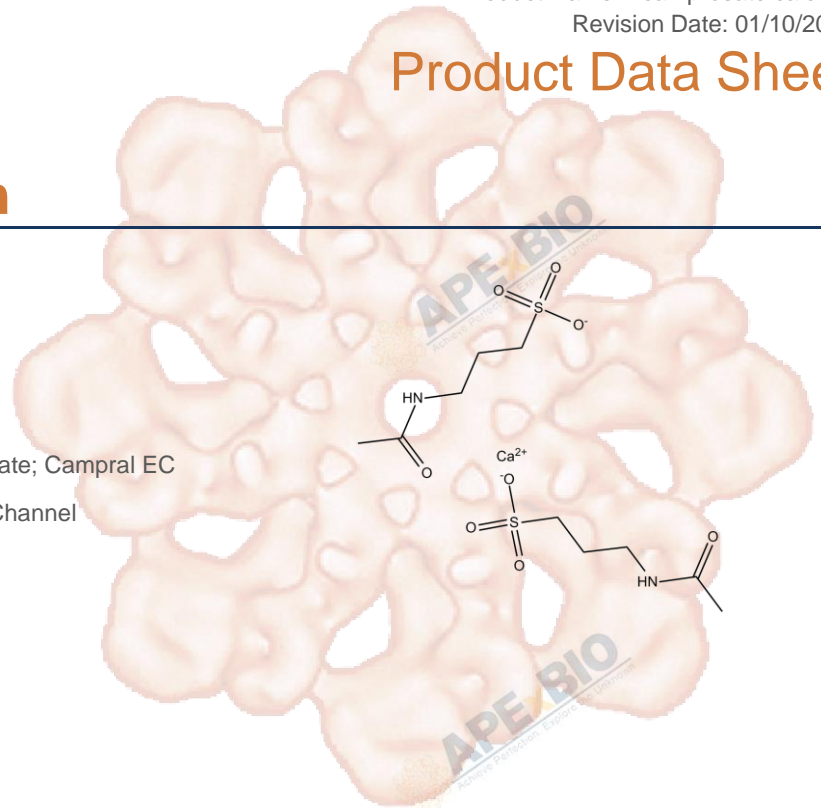


# Product Data Sheet

## Acamprostate calcium

<b>Cat. No.:</b>	A3142
<b>CAS No.:</b>	77337-73-6
<b>Formula:</b>	C <sub>10</sub> H <sub>20</sub> CaN <sub>2</sub> O <sub>8</sub> S <sub>2</sub>
<b>M.Wt:</b>	400.48
<b>Synonyms:</b>	Calcium N-acetylhomotaurinate; Campral EC
<b>Target:</b>	Membrane Transporter/Ion Channel
<b>Pathway:</b>	GABA Receptor
<b>Storage:</b>	Store at -20°C



### Solvent & Solubility

≥ 40 mg/mL in H<sub>2</sub>O; insoluble in DMSO; insoluble in EtOH

In Vitro

Preparing Stock Solutions	Solvent	Mass		
		1mg	5mg	10mg
	<b>Concentration</b>			
	<b>1 mM</b>	2.4970 mL	12.4850 mL	24.9700 mL
	<b>5 mM</b>	0.4994 mL	2.4970 mL	4.9940 mL
	<b>10 mM</b>	0.2497 mL	1.2485 mL	2.4970 mL

Please refer to the solubility information to select the appropriate solvent.

### Biological Activity

Shortsummary

GABA receptor agonist and modulator of glutamatergic systems

IC<sub>50</sub> & Target

In Vitro

#### Cell Viability Assay

Preparation method:

In Vivo

#### Animal experiment

Applications:

### Product Citations

See more customer validations on [www.apexbt.com](http://www.apexbt.com).

## References

## Caution

**FOR RESEARCH PURPOSES ONLY.**

**NOT FOR HUMAN, VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.**

*Specific storage and handling information for each product is indicated on the product datasheet. Most APEX BIO products are stable under the recommended conditions. Products are sometimes shipped at a temperature that differs from the recommended storage temperature. Shortterm storage of many products are stable in the short-term at temperatures that differ from that required for long-term storage. We ensure that the product is shipped under conditions that will maintain the quality of the reagents. Upon receipt of the product, follow the storage recommendations on the product data sheet.*

**APEX BIO Technology**

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