

Hello Bio, Inc.  
304 Wall St., Princeton, NJ 08540 USA

T. 609-683-7500  
F. 609-228-4994

customer-care-usa@helloworldbio.com



## DATASHEET

CGP 52432

### Product overview

<b>Name</b>	CGP 52432
<b>Cat No</b>	HB0958
<b>Biological action</b>	Antagonist
<b>Purity</b>	>99%
<b>Description</b>	Potent, selective GABA <sub>B</sub> receptor antagonist

### Images



### Biological Data

<b>Biological description</b>	Potent and selective GABA <sub>B</sub> receptor antagonist (IC <sub>50</sub> = 85 nM).
-------------------------------	--

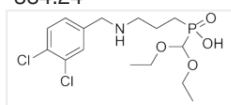
### Solubility & Handling

<b>Storage instructions</b>	+4 °C (desiccate)
<b>Solubility overview</b>	Soluble in water (10mM, gentle warming)
<b>Important</b>	This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use.

### Chemical Data

**Chemical name** 3-[[[(3,4-Dichlorophenyl)methyl]amino]propyl]diethoxymethyl)phosphinic acid  
**Molecular Weight** 384.24

**Chemical structure**



**Molecular Formula**

C<sub>15</sub>H<sub>24</sub>Cl<sub>2</sub>NO<sub>4</sub>P

**CAS Number**

139667-74-6

**PubChem identifier**

132252

**SMILES**

C1C=CC=C(CNCCCP(C(OCC)OCC)(O)=O)C=C1Cl

**Source**

Synthetic

**InChiKey**

GJZVQXWEIYRHBE-UHFFFAOYSA-N

**MDL number**  
**Appearance**

MFCD09878290  
White solid

---

## References

### **CGP 52432: a novel potent and selective GABAB autoreceptor antagonist in rat cerebral cortex.**

Lanza M *et al* (1993) *Eur J Pharmacol* 237(2-3)

**PubMedID** [8103461](#)

### **Blockade of the GABA(B) receptor increases neurogenesis in the ventral but not dorsal adult hippocampus: relevance to antidepressant action.**

Felice D *et al* (2012) *Neuropharmacology* 63(8)

**PubMedID** [22884610](#)

### **GABA(B) receptors as potential targets for drugs able to prevent excessive excitatory amino acid transmission in the spinal cord.**

Bonanno G *et al* (1998) *Eur J Pharmacol* 362(2-3)

**PubMedID** [9874164](#)

---