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DATASHEET

CGP 52432

Product overview

Name	CGP 52432
Cat No	HB0958
Biological action	Antagonist
Purity	>99%
Description	Potent, selective GABA _B receptor antagonist

Images



Biological Data

Biological description	Potent and selective GABA _B receptor antagonist (IC ₅₀ = 85 nM).
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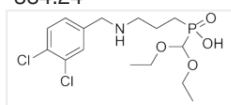
Solubility & Handling

Storage instructions	+4 °C (desiccate)
Solubility overview	Soluble in water (10mM, gentle warming)
Important	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

C₁₅H₂₄Cl₂NO₄P

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](#)
