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DATASHEET

SKF 97541

Product overview

Name	SKF 97541
Cat No	HB0954
Alternative names	CGP 35024
Biological action	Agonist
Purity	>98%
Description	Potent GABA _B receptor agonist

Biological Data

Biological description	Potent GABA _B receptor agonist. Evokes hyperpolarizations in septal neurones (EC ₅₀ = 50 nM). Shows antidepressant actions. Blood-brain barrier permeable.
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Solubility & Handling

Storage instructions	Room temperature (desiccate)
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.

Chemical Data

Chemical name	3-Aminopropyl(methyl)phosphinic acid
Molecular Weight	137.12
Chemical structure	
Molecular Formula	C ₄ H ₁₂ NO ₂ P
CAS Number	127729-35-5
PubChem identifier	5230
SMILES	NCCCCP(O)(C)=O
Source	Synthetic
InChiKey	NHVRIDDXGZPJ TJ-UHFFFAOYSA-N
Appearance	White solid

References

Electrophysiological characterization of potent agonists and antagonists at pre- and postsynaptic GABAB receptors on neurones in rat brain slices.

Seabrook GR *et al* (1990) Br J Pharmacol 101(4)

PubMedID [1964824](#)

Electrophysiological actions of GABAB agonists and antagonists in rat dorso-lateral septal neurones in vitro.

Bon C *et al* (1996) Br J Pharmacol 118(4)

PubMedID [8799569](#)

Effects of GABAB receptor ligands in animal tests of depression and anxiety.

Frankowska M *et al* (2007) Pharmacol Rep 59(6)

PubMedID [18195453](#)
