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DATASHEET

PK 11195

Product overview

Name	PK 11195
Cat No	HB0922
Biological action	Antagonist
Purity	>98%
Description	Peripheral benzodiazepine receptor ligand

Images



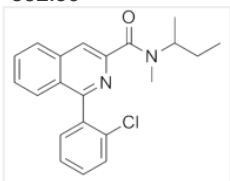
Biological Data

Biological description	Peripheral benzodiazepine receptor ligand. Inhibits the constitutive androstane receptor (CAR; NR1I3). Shows actions against Alzheimer's disease. Shows anti-convulsive actions.
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Solubility & Handling

Storage instructions	Room temperature
Solubility overview	Soluble in ethanol (50mM) or DMSO (50mM)
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	1-(2-Chlorophenyl)-N-methyl-N-(1-methylpropyl)-3-isoquinolinecarboxamide
Molecular Weight	352.86
Chemical structure	
Molecular Formula	C ₂₁ H ₂₁ ClN ₂ O
CAS Number	85532-75-8
PubChem identifier	1345

Chemical name	1-(2-Chlorophenyl)-N-methyl-N-(1-methylpropyl)-3-isoquinolinecarboxamide
SMILES	<chem>CCC(C)N(C)C(=O)C1=NC(C2=CC=CC=C2Cl)=C2C=CC=CC2=C1</chem>
InChiKey	RAVIZVQZGXBOQO-UHFFFAOYSA-N

References

PK 11195 attenuates kainic acid-induced seizures and alterations in peripheral-type benzodiazepine receptor (PBR) protein components in the rat brain.

Veenman L *et al* (2002) J Neurochem 80(5)

PubMedID [11948256](#)

The peripheral benzodiazepine receptor ligand 1-(2-chlorophenyl-methylpropyl)-3-isoquinoline-carboxamide is a novel antagonist of human constitutive androstane receptor.

Li L *et al* (2008) Mol Pharmacol 74(2)

PubMedID [18492798](#)

Ligand for translocator protein reverses pathology in a mouse model of Alzheimer's disease.

Barron AM *et al* (2013) J Neurosci 33(20)

PubMedID [23678130](#)
