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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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PK-11195

Benzodiazepine receptor ligand
Catalog No. SIH-224



Discovery through partnership | Excellence through quality

Overview

Product Name

PK-11195

Description

Benzodiazepine receptor ligand

Purity

>98%

CAS No.

85532-75-8

Molecular Formula

C11H11ClN1O

Molecular Weight

352.86

Properties

Storage Temperature

-20°C

Shipping Temperature

Shipped Ambient

Product Type

Inducer

Solubility

Soluble to 75 mM in ethanol and to 100 mM in DMSO

Source

Synthetic

Appearance

White Crystals

SMILES

CCC(C)N(C)C(=O)C1=CC2=CC=CC=C2C(=N1)C3=CC=CC=C3Cl

InChI

InChI=1S/C21H21ClN2O/c1-4-14(2)24(3)21(25)19-13-15-9-5-6-10-16(15)20(23-19)17-11-7-8-12-18(17)22/h5-14H,4H2,1-3H3

InChIKey

RAVIZVQZGXBOQO-UHFFFAOYSA-N

Safety Phrases

Classification: Harmful. May be harmful if inhaled, swallowed or absorbed through skin.

Safety Phrases:

S22 - Do not breathe dust

S24/25 - Avoid contact with skin and eyes

S36/37/39 - Wear suitable protective clothing, gloves and eye/face protection

Risk Phrases:

R20/21/22- Harmful by inhalation, in contact with skin and if swallowed

R68- Possible risk of irreversible effects

Cite This Product

PK-11195 (StressMarq Biosciences Inc., Victoria BC CANADA, Catalog # SIH-224)

Biological Description

Alternative Names

N-sec-Butyl-1-(2-chlorophenyl)-N-methyl-3-isoquinolinecarboxamide

Research Areas

Cancer, Apoptosis

PubChem ID

1345

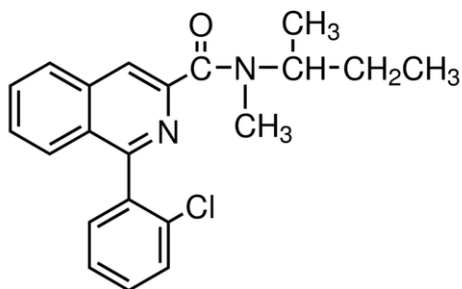
Scientific Background

PK-11195 is an isoquinoline carboxamide which binds selectively to the peripheral benzodiazepine receptor (PBR). It has a high affinity for the PBR in all species (1). It has also been successfully used in PET scans to visualize brain inflammation in patients with neuronal damage (2).

References

1. Pike V.W., et al. (1993) Nucl Med & Bio. 20(4): 503-525.
 2. Buck J.R., et al. (2011) J Nucl Med. 52(1): 107-114.
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Product Images



Chemical structure of PK-11195 (SIH-224), a Mitochondrial benzodiazepine receptor ligand. CAS #: 85532-75-8. Molecular Formula: C₂₁H₂₁ClN₂O. Molecular Weight: 352.86 g/mol.

Product Citations (0)

Currently there are no citations for this product.

Reviews

There are no reviews yet.