

PK-11195, Mitochondrial BZD receptor ligand

Catalog	Unit
TBI2221-5MG	5 mg
TBI2221-25MG	25 mg

Product Details

Formal Name: 1-(2-Chlorophenyl)-N-methyl-N-(1-methylpropyl)-3-isoquinolinecarboxamide

Molecular Formula: C₂₁H₂₁ClN₂O

Formula Weight: 352.86

CAS Number: 85532-75-8

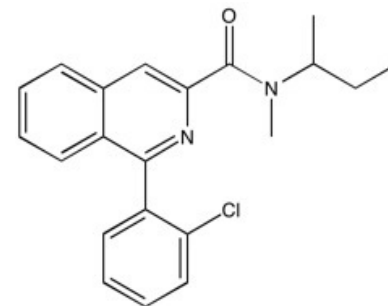
Purity: >98%

Formulation: powder

Solubility: Soluble in DMSO (up to 25 mg/ml) or in Ethanol (up to 15 mg/ml).

Storage: RT

Stability: ≥ 1 year.



Applications

Mitochondrial BZD receptor ligand

Functions

PK-11195 is a selective and potent peripheral benzodiazepine receptor, PBR (or TSPO, translocator protein) antagonist. It has been shown to chemosensitize tumor cells to a variety of chemotherapeutic agents via PBR-independent pathways. PK11195 is also able to induce apoptosis in a variety of cell lines.

Application Procedures

First dissolved in DMSO (up to 25 mg/ml) or in Ethanol (up to 15 mg/ml), then diluted to aqueous buffer. Solutions in DMSO may be stored under nitrogen or argon at -20° for up to 1 month.

For research use only.