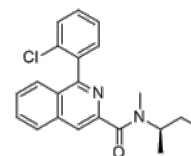


Product Name : PK-11195
Cat. No. : PC-60185
CAS No. : 85340-56-3
Molecular Formula : C₂₁H₂₁ClN₂O
Molecular Weight : 352.87
Target : Translocator Protein (TSPO)
Solubility : 10 mM in DMSO



Biological Activity

PK-11195 (PK 11195) is an isoquinoline carboxamide that binds selectively to PBR (**TSPO**) with K_i of 3.1 nM in cerebellum, 4.1 nM in spinal cord.

PK-11195 blocks binding of typical benzodiazepines to TSPO, inhibits proliferation.

PK-11195 induces apoptosis and causes G 1/S cell cycle arrest in NB cell lines at micromolar concentrations.

References

Watanabe Y, et al. Jpn J Pharmacol. 1986 Oct;42(2):189-97.

Olson JM, et al. Cancer Res. 1988 Oct 15;48(20):5837-41.

Mendonça-Torres MC, et al. Cancer Biol Ther. 2013 Apr;14(4):319-26.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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