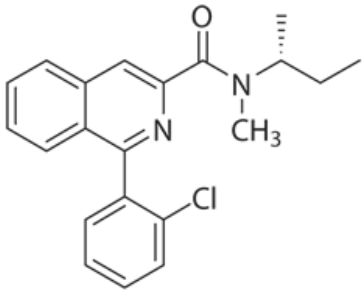
Catalogue Number	Product	Order number / Unit

1610 (R)-PK11195

1610.0010: 10 mg per vial
Please inquire for customized filling and bulk quantities.



Reference Standard for (R)-[N-Methyl-^{11}C] PK11195

Molar Mass: 352.86

$C_{21}H_{21}ClN_2O$

[85340-56-3]

Colourless to yellowish solid packaged in dark glass screw cap vials.

Purity: > 95 %

Certificates:
CoA; ^{1}H NMR spectrum

Chemical Name:
CA index name: 3-Isoquinolinecarboxamide, 1-(2-chlorophenyl)-N-methyl-N-(1-methylpropyl)-, (R)

Synonymes:
1-(2-Chlorophenyl)-N-methyl-N-(1-methylpropyl)-isoquinoline-3-carboxamide-(R); PK 11195; RP 52028

Literature:

1. Camsonne R. et al. Synthesis of N-[^{11}C]methyl, N-(methyl-1-propyl), (chloro-2-phenyl)-1-isoquinoline carboxamide-3 (PK11195): a new ligand for peripheral benzodiazepine receptors. J. Labelled Compd. Radiopharm. 1984, 21, 985-991.

2. Hashimoto K. et al. Synthesis and evaluation of ^{11}C-PK11195 for in vivo study of peripheral-type benzodiazepine receptors using positron emission tomography. Ann. Nucl. Med. 1989, 3, 63-71.

3. Shah F. et al. Synthesis of the Enantiomers of [N-methyl-^{11}C]PK 11195 and Comparison of their Behaviours as Radioligands for PK Binding Sites in Rats. Nucl. Med. Biol. 1994, 21, 573-581.

4. Cremer J.E. et al. The Distribution of Radioactivity in Brains of Rats Given [N-methyl-^{11}C]PK11195 In Vivo After Induction of a Cortical Ischaemic Lesion. Int. J. Rad. Appl. Instrum. B, 1992, 19, 159-166.

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