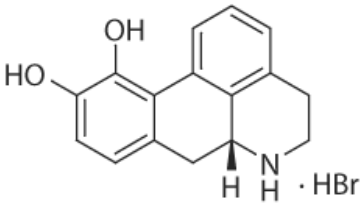
Catalogue Number	Product	Order number / Unit

1477 (R)-(-)-Norapomorphine hydrobromide

1477.0002: 2 mg per vial
Please inquire for customized filling and bulk quantities.



Precursor for [^{11}C]-(-)-NPA and [^{11}C]-(-)-NMA ([^{11}C]-(-)-N-Propyl-norapomorphine and [^{11}C]-(-)-N-Methyl-norapomorphine)

Photosensitive!

Molar Mass: 334.21

$C_{16}H_{15}NO_2 \cdot HBr$

[115017-61-3]
[478-76-2] (free base)

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

Purity: > 95 %

Certificates:
CoA; ^{1}H NMR spectrum

Chemical Name:
CA index name: 4H-Dibenzo[de,g]quinoline-10,11-diol, 5,6,6a,7-tetrahydro-, hydrobromide, (6aR)-

Synonymes:
4H-Dibenzo[de,g]quinoline-10,11-diol, 5,6,6a,7-tetrahydro-, hydrobromide, (R)-; R-(-)-Norapomorphine hydrobromide; R-(-)-Norapomorphine · HBr

Literature:

Hwang D.-R. et al. (-)-N-[^{11}C]propyl-norapomorphine: a positron-labeled dopamine agonist for PET imaging of D_2 receptors. Nucl. Med. Biol. 2000, 27, 533-539.

Narendran R. et al. In vivo vulnerability to competition by endogenous dopamine: Comparison of the D_2 receptor agonist radiotracer (-)-N-[^{11}C]propyl-norapomorphine ([^{11}C]NPA) with the D_2 receptor antagonist radiotracer [^{11}C]-raclopride. Synapse 2004, 52, 188-208.

Zijlstra S. et al. Synthesis and in vivo distribution in the rat of a dopamine agonist: N-([^{11}C]methyl) norapomorphine. Nucl. Med. Biol. 1993, 20, 7-12.

date of product catalogue issue: 10 May 2017