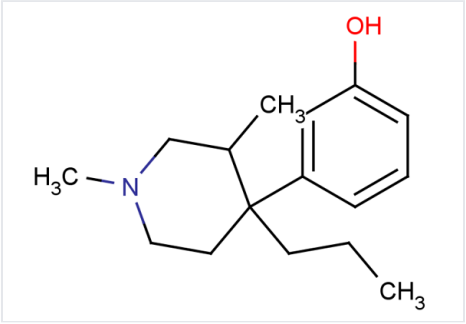
Picenadol (LY-150720)

PRODUCT OVERVIEW

Product Name	Picenadol, Biochemical
Full Product Name	Picenadol
Product Synonym Names	LY-150720; LY150720; LY 150720
Purity/Purification	97.45%
Preparation and Storage	Powder: -20 degree C for 3 years | In solvent: -80 degree C for 1 year
Molecular Weight	247.38
SMILES	C(CC)C1(C(C)CN(C)CC1)C2=CC(O)=CC=C2
Formula	C16H25NO
Solubility	(< 1 mg/ml refers to the product slightly soluble or insoluble)
CAS Number	2650427-35-1
In_vitro	The effects of Picenadol (LY150720)(0.3-3.0 mg/kg), its agonist (dextro) isomer LY136596 (0.3-1.7 mg/kg) and morphine (0.03-1.0 mg/kg) were studied alone and in combination with naloxone (0.001-1.0 mg/kg) in squirrel monkeys whose responding was maintained under a multiple fixed-ratio 30-response fixed-interval 5-minute (mult FR-30 FI 5-min) schedule of food presentation. LY150720, LY136596, and morphine generally decreased responding under both schedule components, although in several instances increases in responding under the FI component were noted, particularly following LY150720 and LY136596. The rate-decreasing effects of morphine, LY150720, and LY136596 were reversed by naloxone; doses of naloxone required to reverse the effects of all three drugs were comparable. When combined with morphine, naloxone restored rates and patterns of responding to control values, whereas combinations of LY150720 or LY136596 and naloxone increased responding under the FI component in excess of control values. These increases appear to be due to the anticholinergic actions of LY150720 and LY136596, as they are reversed by physostigmine (0.01 mg/kg), and similar increases are produced by scopolamine (0.01-0.1 mg/kg).[1]
Related Product Information for Picenadol biochemical	Picenadol (LY 150720) is a racemic mixture of N-methyl-4-phenylpiperidine derivatives with agonist-antagonist opioid properties.Picenadol has central analgesic activity.
Other Notes	Small volumes of Picenadol biochemical vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for Picenadol purchase	MBS5810686 is a biochemical targeting Picenadol.



Structure of Picenadol biochemical

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/biochemical/picenadol/5810686