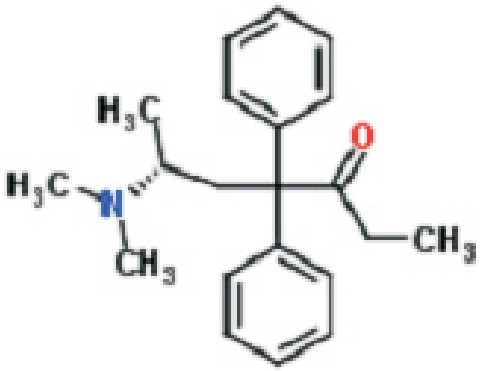
Taj Pharmaceuticals Ltd.

Methadone hydrochloride

CAS No. 76-99-3

IUPAC Name: (6R)-6-(Dimethylamino)-4,4-diphenylheptan-3-on
Molecular Formula: C21H27NO
Molecular Weight: 309.445180 g/mol
XLogP3: 3.9
H-Bond Donor: 0
H-Bond Acceptor: 2
Molar Refractivity: 95.91 cm3
Molar Volume: 306.4 cm3
Surface Tension: 37.1 dyne/cm
Density: 1.009 g/cm3
Flash Point: 126.5 °C
Enthalpy of Vaporization: 67.8 kJ/mol
Boiling Point: 423.7 °C at 760 mmHg



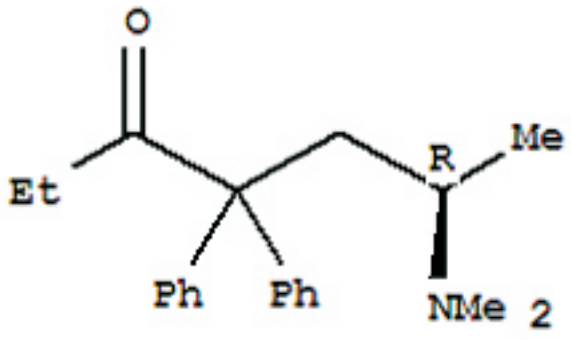
Vapour Pressure: 2.2E-07 mmHg at 25 °C

Water Solubility: 48.48 mg/L at 25 °C

BRN of l-Methadone (CAS NO. 125-58-6): 3213668

Product Name:
l-Methadone
CAS No:125-58-6
Formula:C21H27 N O

Molecular Structure:



Synonyms:3-Heptanone,6-(dimethylamino)-4,4-diphenyl-, (R)-; 3-Heptanone,6-(dimethylamino)-4,4-diphenyl-, L- (8CI); (-)-Methadone; (6R)-Methadone;(R)-Methadone; D-(-)-Methadone; Levomethadone; Levothyl; Polamivet;R-(-)-Methadone; l-Methadone; l-Polamivet

Description

Biochem/physiol Actions:
μ opioid receptor agonist that desensitizes both the **μ** opioid receptor and the **δ** opioid receptor on chronic exposure**;** narcotic analgesic**,** characterized by a gradual onset of action and prolonged**,** milder withdrawal**;** may also block L-type calcium channels independently of its effects on opioid receptors**.**

Properties
assay
≥98% (TLC)
form
powder
drug control
Schedule II; Manufactured from Taj Pharmaceuticals Limited, India color
white to off-white
solubility
H2O: >50 mg/mL, clear, colorless to yellow
Packing: 5kg, 20kg, 25 kg, & 50kg Bags.
Sample: Available 10 gm, 50 gm & 100 gm packing exclusively.
100% -Export quality.

Note: **** These chemicals are designated as those that are used in the manufacture of the controlled substances and are important to the manufacture of the substances. For any (Control Substance) products Import and Export *** subjected to your country government laws /control substance ACT.

Note /Government Notification: These chemicals are designated as those that are used in the manufacture of the controlled substances and are important to the manufacture of the substances. For any (Control Substance) products Import and Export *** subjected to your country government laws /control substance ACT.

Information: The information on this web page is provided to help you to work safely, but it is intended to be an overview of hazards, not a replacement for a full Material Safety Data Sheet (MSDS). MSDS forms can be downloaded from the web sites of many chemical suppliers. ,also that the information on the PTCL Safety web site, where this page was hosted, has been copied onto many other sites, often without permission. If you have any doubts about the veracity of the information that you are viewing, or have any queries, please check the URL that your web browser displays for this page. If the URL begins "www.tajapi.com/www/Denatonium Benzoate.htm/" the page is maintained by the Safety Officer in Physical Chemistry at Oxford University. If not, this page is a copy made by some other person and we have no responsibility for it.

The Controlled Substances Act (CSA) was enacted into law by the Congress of the United States as Title II of the Comprehensive Drug Abuse Prevention and Control Act of 1970.[1] The CSA is the federal U.S. drug policy under which the manufacture, importation, possession, use and distribution of certain substances is regulated. The Act also served as the national implementing legislation for the Single Convention on Narcotic Drugs