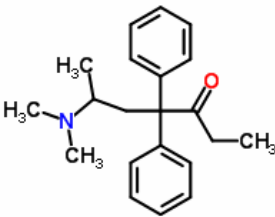


Name	<b>METHADONE</b>
Structure	
Systematic name	6-(dimethylamino)-4,4-diphenylheptan-3-one
Formula	C <sub>21</sub> H <sub>27</sub> NO
MW	309.4452
Monoisotopic mass	309.209264491
Mp	100°C
H bond acceptors	2
H bond donors	0
Acid pKa	--
Basic pKa	9.12
ACD Log D pH 5.5	0.96
ACD Log D pH 7.4	2.29
Solubility	water (hydrochloride) ethanol, chloroform
LD50	30 mg/Kg rat p.o.
Therapeutic cat	analgesic/opioid detoxification adjunct
ATC	<b>N07BC02</b> N NERVOUS SYSTEM N07 OTHER NERVOUS SYSTEM DRUGS N07B DRUGS USED IN ADDICTIVE DISORDERS N07BC Drugs used in opioid dependence
Receptors	OP <sub>3</sub>

Nomi commerciali (IT)	
EPTADONE, METADONE CLORIDR	H, OSP1, iniettabile, compresse, sciroppo