

Methadone

Production:	chemically synthesised morphine-similar substance Available as Medication (D:L-Polamidon), therapeutical replacement drug (Methadone-Program, Drug withdrawal under medical control)
Effect:	qualitative similar to Morphine Contrary to Morphine, Methadone has no euphoric effect Large addiction potential Due to missing euphoric effect, other drugs might be consummated parallel Long-term effect when used with alcohol
Intake:	Oral, IV
Elimination:	Urine
INTEX-Advice:	Control should be undertaken several times, also in regards of other drugs taken parallel. Actual intake must be done with medical control.

CHARACTERISTICS METHADONE

Duration of effect:	4 – 6 hours when given parenterally 22 – 48 hours with longer oral application
Radioactive half-life:	12 – 48 (60) hours
Proof possibility:	2 - 4 days (pH-dependant)
Detection limit	300 ng/ml (NIDA)
Specificity:	The following, structurally related substances result in a positive result, if they are tested at values, as high or higher than those in the following listed concentrations:
Substance	Concentration (ng/ml)
2-Ethyliden-1,5-dimethyl 3,3-diphenylpyrolidin	50,000
Methadol	1,000

The following substances did not result in cross reactions up to concentrations of 100 µg/ml in the test.

Acetaminophen	Dextromethorphan	Cocaine	Phencyclidine
Acetone	Diazepam	Lidocain	Phenobarbital
Albumin	4-	Meperidine	Phenothiazin
Amitriptyline	Dimethylaminoantipyrine	Methamphetamine	L-Phenylephrine
D-Amphetamine	Dopamine	Methaqualone	β-Phenylethylamine
L-Amphetamine	Doxylamine	(1R,2S)-(-)-N-	Procaine
Ampicilline	Ecgonine	Methylephedrine	Promethazin
Aspartame	Ecgoninemethylester	Methylphenidat	d-Propoxyphen
Aspirin	(-)-Ephedrine	Morphine	Quinidine
Atropine	(+/-)-Ephedrine	Naloxone	Ranitidin
Benzocaine	(+)-Epinephrine	Naltrexone	Secobarbital
Benzoylcegonine	Erythromycine	(+)-Naproxen	Sulindac
Bilirubin	Ethanol	Sodium chlorid	11-nor-Δ ⁹ -Tetrahydro-
(+)-Brompheniramine	Furosemid	(+/-)-Norephedrine	cannabinol-9-
Chloroquine	Glucose	Nortriptylin	carbon acid
(+)-Chlorpheniramine	Guaiacol Glycery Ether	Oxalic acid	Thioridazin
(+/-)-	Hemoglobin	Oxazepam	Trifluoperazin
Chlorpheniramine	Hydrocodon	Oxycodon	Trimethobenzamid
Chlorpromazine	Hydromorphon	Penicillin-G	Tyramin
Codeine	Imipramin	Pentermin	Vitamin C
Creatine	(+/-)-Isoproterenol	Pentobarbital	
(-)-Deoxyephedrine	Caffeine	Pheniramine	

