



## Product Information

Cat. No. M0267

(+)-METHADONE HYDROCHLORIDE--DEA SCHEDULE II

Opioid receptor agonist; analgesic.

<b>Mol. Formula:</b>	C <sub>21</sub> H <sub>27</sub> NO•HCl
<b>Mol. Wt.:</b>	345.91 (anhyd.)
<b>m.p.:</b>	233-236°C
<b>CAS Registry No.:</b>	1095-90-5
<b>Chemical Name:</b>	6-Dimethylamino-4,4-diphenyl-3-heptanone hydrochloride
<b>Physical Properties:</b>	White solid.
<b>Caution:</b>	While no human toxicity data is available for this substance, it should be handled with care. Precautions should be taken to avoid contact by all routes of exposure. RTECS No. MJ6300000.
<b>Storage:</b>	Store tightly sealed at room temperature.
<b>Solubility:</b>	Soluble in water (120 mg/ml) or ethanol (80 mg/ml).
<b>Disposal:</b>	Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. This product is controlled by the Drug Enforcement Administration. Appropriate security must be maintained until the substance is destroyed. Records must be kept which detail the ultimate disposition of the material. OBSERVE ALL LOCAL, STATE AND FEDERAL LAWS.

### References:

1. *Merck Index 12th Ed.*, No. 6008.
2. Berkowitz, B.A. "The relationship of pharmacokinetics to pharmacological activity: morphine, methadone and naloxone." *Clin. Pharmacokinet.* **1**, 219-230 (1976).
3. Hassan, M.A. et al. "Methadone hydrochloride." *Anal. Profiles Drug Subst.* **9**, 601-615 (1980).

CONTROLLED SUBSTANCE - DEA LICENSE REQUIRED (II)