



Product Information

Cat. No. N5135
NALORPHINE HYDROCHLORIDE--DEA SCHEDULE III
>97% purity

Narcotic analgesic; precursor to radiolabeled morphine.

Mol. Formula:	C ₁₆ H ₁₇ NO ₃
Mol. Wt.:	271.30 (anhyd.)
m.p.:	276-278°C
CAS Registry No.:	466-97-7
Chemical Name:	4,5-Epoxy-3,6-dihydroxymorphin-7-ene
Physical Properties:	White solid; $[\alpha]_D^{25} = -134.6^\circ$ (c = 0.34, MeOH).
Caution:	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. QC7814000.
Storage:	Store tightly sealed at room temperature.
Solubility:	Soluble in methanol or 0.1N HCl
Disposal:	Dissolve or mix the compound 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.

References:

1. *Merck Index 12th Ed.*, No. 6806.
2. Goldstein, A., James, I.F. "Site-directed alkylation of multiple opioid receptors. II. Pharmacological selectivity." *Mol. Pharmacol.* **25**, 343-348 (1984).
3. Porreca, F., Burks, T.F. "Affinity of normorphine for its pharmacologic receptor in the naive and morphine-tolerant guinea pig isolated ileum." *J. Pharmacol. Exp. Ther.* **225**, 688-693 (1983).

CONTROLLED SUBSTANCE - DEA LICENSE REQUIRED (I)

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