Cat. No. B 9275
BUPRENORPHINE HYDROCHLORIDE--DEA SCHEDULE V
>97% purity

Mixed opioid receptor agonist-antagonist used as an analgesic and in the treatment of heroin addiction.

Mol. Formula: $\text{C}_{29}\text{H}_{41}\text{NO}_4\cdot\text{HCl}$

Mol. Wt.: 504.11 (anhyd.)

m.p.: 276-278°C

CAS Registry No.: 53152-21-9

Chemical Name: $[\alpha,7\alpha(S)]-17$-(Cyclopropylmethyl)-$\alpha$-(1,1-dimethylethyl)-4,5-epoxy-18,19-dihydro-3-hydroxy-6-methoxy-$\alpha$-methyl-6,14-ethenomorphinan-7-methanol hydrochloride

Physical Properties:

White solid; UV $\lambda_{\text{max}} = 285$ nm, log $\varepsilon = 3.20$, H$_2$O).

$[\alpha]^{25}_D = -100.4^\circ$ (c = 2.5, 95% EtOH).

Caution: This substance should be handled with care. Precautions should be taken to avoid contact by all routes of exposure. RTECS No. KM7758000.

Storage: Store tightly sealed at room temperature.

Solubility: Soluble in water.

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:


CONTROLLED SUBSTANCE - DEA LICENSE REQUIRED (V)