

Product Data Sheet

Product Name: 6 α -Naloxol

Cat. No.: GC18432

Chemical Properties

Cas. No. 20410-95-1

Chemical Name (5 α ,6 α)-4,5-epoxy-17-(2-propen-1-yl)-morphinan-3,6,14-triol

SMILES O[C@]12[C@]3(CCN(CC=C)[C@@H]2C4)[C@](OC5=C3C4=CC=C5O)([H])[C@@H](O)CC1

Formula C₁₉H₂₃NO₄

M.Wt 329.4

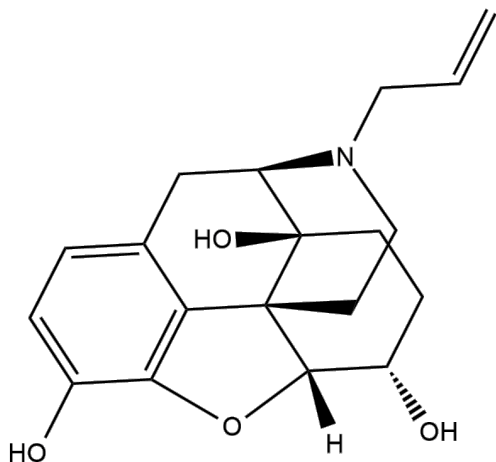
Solubility DMF: 30 mg/mL, DMSO: 30 mg/mL, Ethanol: 10 mg/mL

Storage Store at -20°C

General tips For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution: ship with blue ice. All other available size: ship with RT, or blue ice upon request.

Structure



Background

6 α -Naloxol is a certified reference material categorized as an opioid. It is an active metabolite of naloxone that has approximately the same binding affinity as naloxone for μ - and δ -opioid receptors. This product is intended for research and forensic applications.

Caution: Product has not been fully validated for medical applications. For research use only.

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Address: 10292 Central Ave. #205, Montclair, CA, USA

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References:

[1]. Wang, D., Raehal, K.M., Bilsky, E.J., et al. Inverse agonists and neutral antagonists at μ opioid receptor (MOR): Possible role of basal receptor signaling in narcotic dependence J. Neurochem. 77(6), 1590-1600 (2001).

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