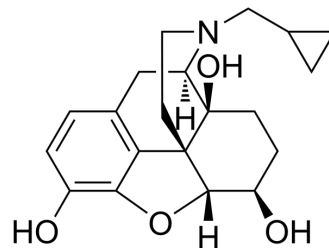


6 β -Naltrexol

Cat. No.:	HY-108229
CAS No.:	49625-89-0
Molecular Formula:	C ₂₀ H ₂₅ NO ₄
Molecular Weight:	343.42
Target:	Drug Metabolite; Opioid Receptor
Pathway:	Metabolic Enzyme/Protease; GPCR/G Protein; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

6 β -Naltrexol (6 β -Hydroxynaltrexone), the primary metabolite of Naltrexone, is a peripherally selective opioid antagonist. 6 β -Naltrexol selectively inhibits gastrointestinal opioid effects in human subjects and inhibits Morphine-induced slowing of gastrointestinal transit^[1].

REFERENCES

- [1]. Cone EJ, et al. Biosynthesis, isolation, and identification of 6-beta-hydroxynaltrexone, a major human metabolite of naltrexone. J Pharm Sci. 1975 Apr;64(4):618-21.
- [2]. Yancey-Wrona J, et al. 6 β -naltrexol, a peripherally selective opioid antagonist that inhibits morphine-induced slowing of gastrointestinal transit: an exploratory study. Pain Med. 2011 Dec;12(12):1727-37.

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

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