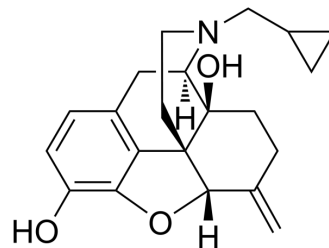


Nalmefene

Cat. No.:	HY-107744
CAS No.:	55096-26-9
Molecular Formula:	C ₂₁ H ₂₅ NO ₃
Molecular Weight:	339.43
Target:	Opioid Receptor
Pathway:	GPCR/G Protein; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Nalmefene is a long acting opioid (MOR and DOR antagonist), and a partial KOR agonist. Nalmefene is used for opioid overdose and alcohol dependence ^[1] .
IC ₅₀ & Target	MOR, DOR, KOR ^[1]

REFERENCES

- [1]. Wang DS, et al. Nalmefene: a long-acting opioid antagonist. Clinical applications in emergency medicine. J Emerg Med. 1998 May-Jun;16(3):471-5.
- [2]. Mann K, et al. Nalmefene for the management of alcohol dependence: review on its pharmacology, mechanism of action and meta-analysis on its clinical efficacy. Eur Neuropsychopharmacol. 2016 Dec;26(12):1941-1949.

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

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