

Methylnaltrexone (Bromide)

Catalog No: tcsc0762



Available Sizes

Size: 5mg

Size: 10mg

Size: 50mg

Size: 100mg



Specifications

CAS No:

73232-52-7

Formula:

$C_{21}H_{26}BrNO_4$

Pathway:

GPCR/G Protein; Neuronal Signaling

Target:

Opioid Receptor; Opioid Receptor

Purity / Grade:

>98%

Solubility:

DMSO: ≥ 31 mg/mL

Observed Molecular Weight:

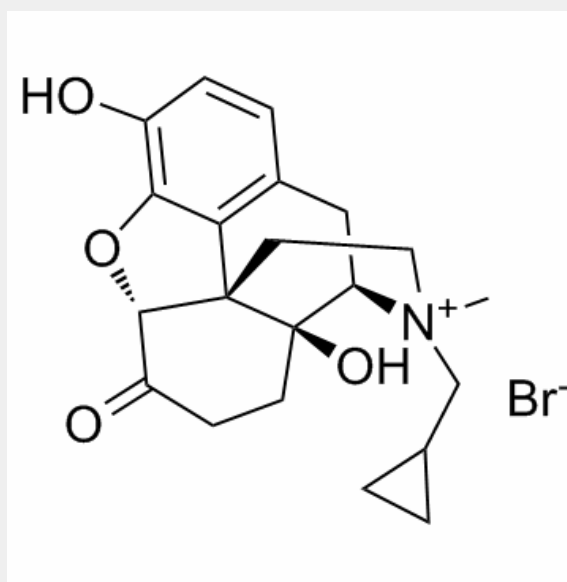
436.34

Product Description

Methylnaltrexone (Bromide) is a **peripheral-acting opioid receptor** antagonist that acts on the gastrointestinal tract to decrease

opioid-induced constipation.

In Vivo: Methylnaltrexone bromide (1 and 10 mg/kg, s.c.) has no effect on tyrosine-induced analgesia. Intracerebroventricular injection of Methylnaltrexone bromide (1 and 10 mg/rat) effectively blocks tyrosine-induced analgesia^[1]. Methylnaltrexone bromide (0.01-10.00 mg/kg), does not significantly influence retention latencies of either shocked or unshocked mice. Further, Methylnaltrexone bromide (0.1, 1.0, or 10.0 mg/kg) does not block the retention impairment produced by concurrently administered morphine (3.0 mg/kg) or beta-endorphin (0.1 mg/kg)^[2].



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