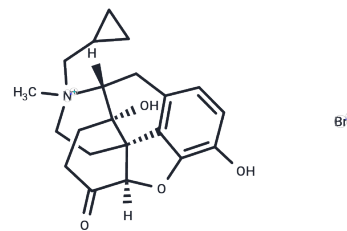


Methylnaltrexone bromide

Chemical Properties

CAS No. :	73232-52-7
Formula:	C ₂₁ H ₂₆ BrNO ₄
Molecular Weight:	436.35
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Methylnaltrexone bromide (MOA-728) is one of the newer agents of peripherally-acting μ -opioid antagonists. Methylnaltrexone bromide acts to reverse some of the side effects of opioid drugs such as constipation without affecting analgesia or precipitating withdrawals.
Targets(IC50)	Opioid Receptor

Solubility Information

Solubility	H ₂ O: Insoluble, DMSO: 60 mg/ml (137.5 mM), (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2917 mL	11.4587 mL	22.9174 mL
5 mM	0.4583 mL	2.2917 mL	4.5835 mL
10 mM	0.2292 mL	1.1459 mL	2.2917 mL
50 mM	0.0458 mL	0.2292 mL	0.4583 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Reference

Rauck RL. Treatment of opioid-induced constipation: focus on the peripheral μ -opioid receptor antagonist methylnaltrexone. *Drugs*. 2013 Aug;73(12):1297-306. doi: 10.1007/s40265-013-0084-5. Review. PubMed PMID:

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