

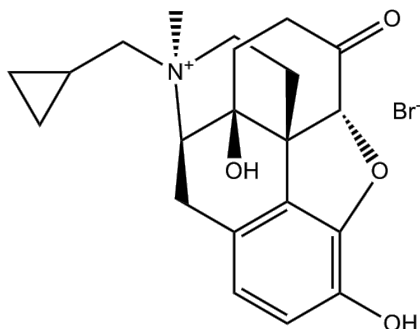
Certificate of Analysis

Product Name: Methylnaltrexone Bromide
Cat. No.: GC16177
Batch No.: 1
Chemical Name: (4R,4aS,7aR,12bS)-3-(cyclopropylmethyl)-4a,9-dihydroxy-3-methyl-2,4,5,6,7a,13-hexahydro-1H-4,12-methanobenzofuro[3,2-e]isoquinoline-3-ium-7-one;bromide

PHYSICAL AND CHEMICAL PROPERTIES

Cas. No.: 73232-52-7
Molecular Formula: $C_{21}H_{26}BrNO_4$
Molecular Weight: 436.34
Storage: Store at -20°C

Chemical Structure:



ANALYTICAL DATA

Appearance: A solid
Conclusion: The product has been tested and complies with the given specifications.

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

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

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