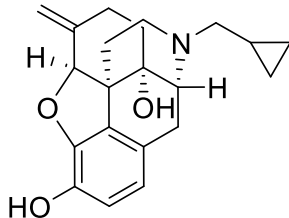




## Certificate of Analysis

<b>MedKoo Cat#:</b>	<b>Product Name:</b>	<b>Lot#:</b>
596218	Nalmefene	T20R06C24

<b>Chemical name</b>	
(4R,4aS,7aS,12bS)-3-(cyclopropylmethyl)-7-methylene-1,2,3,4,5,6,7,7a-octahydro-4aH-4,12-methanobenzofuro[3,2-e]isoquinoline-4a,9-diol	
<b>Synonyms</b>	
Nalmefene; Nalmefeno; ORF 11676; ORF-11676; ORF11676; JF-1; JF 1;JF1	
<b>Chemical structure</b>	<b>CAS# and Theoretical analysis</b>
	MedKoo Cat#: 596218 Name: Nalmefene CAS#: 55096-26-9 Lot#:T20R06C24 Chemical Formula: C <sub>21</sub> H <sub>25</sub> NO <sub>3</sub> Exact Mass: 339.1834 Molecular Weight: 339.43

<b>Analysis item</b>	<b>Specifications / Results</b>
<b>Appearance</b>	White solid powder
<b>Structure</b>	<sup>1</sup> H-NMR analysis matches the structure. MS analysis gives the correct molecule weight. Both NMR and MS data are consistent with those reported in the literature.
<b>Purity (HPLC)</b>	>98.0%
<b>Solubility</b>	Soluble in DMSO
<b>Conclusion</b>	This product conforms with MedKoo's quality standards
<b>Shipping condition</b>	Shipped under ambient temperature as non-hazardous chemical. This product is stable for a few weeks during ordinary shipping and time spent in customs.
<b>Storage condition</b>	Short term storage (weeks): 0 – 4 °C under dry condition Long term storage (months): -20 °C under dry condition
<b>Shelf life</b>	At least 5 years if properly stored.

**CAUTION: NOT FULLY TESTED. FOR RESEARCH ONLY, NOT FOR HUMAN USE**