



CERTIFICATE OF ANALYSIS

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1. Identification

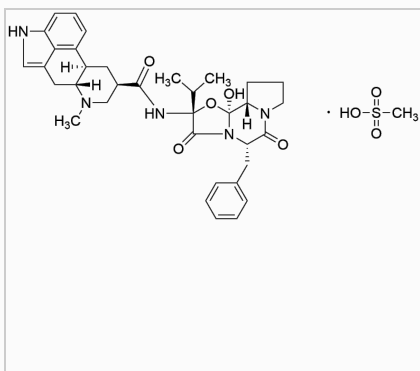
Catalogue Number: D446440

CAS Number: 24730-10-7

Product: 9,10-Dihydroergocristine Methanesulfonate

Synonym: (5'a,10a)-9,10-Dihydro-12'-hydroxy-2'-(1-methylethyl)-5'-(phenylmethyl)-ergotaman-3',6',18-trione Methanesulfonate; 9,10-Dihydro-12'-hydroxy-2'-(1-methylethyl)-5'-(phenylmethyl)-ergotaman-3',6',18-trione Monomethanesulfonate; Dihydroergocristine Mesylate; Dihydroergocristine Methanesulfonate; 9,10-Dihydroergocristine Monomethanesulfonate; GNF Pf 3462; (6aR,9R,10aR)-N-((2R,5S,10aS,10bS)-5-Benzyl-10b-hydroxy-2-isopropyl-3,6-dioxooctahydro-8H-oxazolo[3,2-a]pyrrolo[2,1-c]pyrazin-2-yl)-7-methyl-4,6,6

Structure:



Molecular Formula:

$C_{35}H_{41}N_5O_5 \cdot CH_3SO_3$

Molecular weight:

611.73 + 96.10

Source of Product:

N/A

Solubility:

Chloroform (Slightly),
Methanol (Slightly)

Lot Number: 2-LXM-81-1

Purity: 96%

Shipping Condition: This Product Is Stable To Be Shipped At Room Temperature

Storage Condition: 4°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	White to Pale Yellow Solid	Off-White to Pale Yellow Solid
NMR	Conforms to Structure	Conforms
HPLC Purity	Report Result	99.57% (220 nm)
MS	Conforms to Structure	Conforms

Additional Information: N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of $\pm 2\%$. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

Reviewed By	Reviewed By	C of A Approved By	Test Date	Retest Date
Henry Tieu	Toni Rantanen	Chanell Chu	9/8/2023	9/6/2027
				