## **Certificate of Analysis**

## Retrorsine

 Cat. No.:
 HY-N6638

 CAS No.:
 480-54-6

 Batch No.:
 120169

Chemical Name: [1,6]Dioxacyclododecino[2,3,4-gh]pyrrolizine-2,7-dione, 3-ethylidene-3,4,5,6,9,11,13,14,14a,14b

-decahydro-6-hydroxy-6-(hydroxymethyl)-5-methyl-, (3Z,5R,6S,14aR,14bR)-

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{18}H_{25}NO_6$ Molecular Weight: 351.39

Storage: -20°C, protect from light

\* In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)

**Chemical Structure:** 

## **ANALYTICAL DATA**

Appearance: White to off-white (Solid)

<sup>1</sup> H NMR Spectrum: Consistent with structure

LCMS: Consistent with structure

**Purity (LCMS):** 99.63%

**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.

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