# Certificate of Analysis

## Monocrotaline

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|---|---|
| **Cat. No.:** | HY-N0750 |
| **CAS No.:** | 315-22-0 |
| **Batch No.:** | 84004 |
| **Chemical Name:** | 2H-[1,6]Dioxacycloundecino[2,3,4-gh]pyrrolizine-2,6(3H)-dione, 4,5,8,10,12,13,13a,13b-octahydro-4,5-dihydroxy-3,4,5-trimethyl-, (3R,4R,5R,13aR,13bR)- |

### PHYSICAL AND CHEMICAL PROPERTIES

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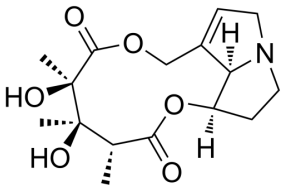
|---|---|
| **Molecular Formula:** | $C_{16}H_{23}NO_6$ |
| **Molecular Weight:** | **325.36** |
| **Storage:** | 4°C, sealed storage, away from moisture and light<br>* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light) |

**Chemical Structure:**




### ANALYTICAL DATA

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|---|---|
| **Appearance:** | White to off-white (Solid) |
| **$^1$H NMR Spectrum:** | Consistent with structure |
| **LCMS:** | Consistent with structure |
| **Purity (LCMS):** | **98.08%** |
| **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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