# Certificate of Analysis

## Reserpine-$d_9$

| | |
|---|---|
| **Cat. No.:** | HY-N0480S |
| **CAS No.:** | 84759-11-5 |
| **Batch No.:** | 276141 |
| **Chemical Name:** | Yohimban-16-carboxylic acid, 11,17-dimethoxy-18-[[3,4,5-tri(methoxy-d3)benzoyl]oxy]-, methyl ester, (3β,16β,17α,18β,20α)- |

### PHYSICAL AND CHEMICAL PROPERTIES

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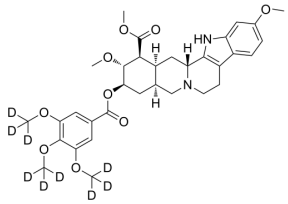
|---|---|---|---|
| **Molecular Formula:** | $C_{33}H_{31}D_9N_2O_9$ | | |
| **Molecular Weight:** | **617.73** | | |
| **Storage:** | Powder | -20°C | 3 years |
| | | 4°C | 2 years |
| | In solvent | -80°C | 6 months |
| | | -20°C | 1 month |

**Chemical Structure:**



### ANALYTICAL DATA

| | |
|---|---|
| **Appearance:** | White to off-white (Solid) |
| **Purity:** | **≥97.0%** |
| **Isotopic Enrichment:** | 98.5% |
| **Additional Information:** | d0=0.13% |
| **Carbon Content(C%):** | 63.66% |
| **Hydrogen Content(H%):** | 6.47% |
| **Nitrogen Content(N%):** | 4.42% |
| **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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