## **Certificate of Analysis**

## Palmatine (chloride)

Cat. No.: HY-N0110

CAS No.: 10605-02-4

Batch No.: 263644

Chemical Name: Dibenzo[a,g]quinolizinium, 5,6-dihydro-2,3,9,10-tetramethoxy-,chloride(1:1)

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{21}H_{22}CINO_4$  Molecular Weight: 387.86

Storage: 4°C, sealed storage, away from moisture and light

\* In solvent : -80°C, 1 year; -20°C, 6 months (sealed storage, away from moisture and light)

**Chemical Structure:** 

## **ANALYTICAL DATA**

Appearance: Light yellow to yellow (Solid)

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

LCMS: Consistent with structure

Purity (LCMS): 99.77%

**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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