Certificate of Analysis

Berberine ursodeoxycholate

Cat. No.: HY-147246 CAS No.: 1868138-66-2 Batch No.: 228160

Chemical Name: Cholan-24-oic acid, 3,7-dihydroxy-, ion(1-), $(3\alpha,5\beta,7\beta)$ -, 5,6-dihydro-9,10-dimethoxybenzo[g]-1,3

-benzodioxolo[5,6-a]quinolizinium (1:1)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{44}H_{57}NO_8$ **Molecular Weight:** 727.93

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

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

Chemical Structure:

ANALYTICAL DATA

Appearance: Light yellow to yellow (Solid) ¹H NMR Spectrum: Consistent with structure

Purity (HPLC): 98.75%

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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