Certificate of Analysis

Columbin

Cat. No.: HY-N0389 546-97-4 CAS No .: Batch No.: 310542

Chemical Name: 1,4-Etheno-3H,7H-benzo[1,2-c:3,4-c']dipyran-3,7-dione, 9-(3-furanyl)-1,4,4a,5,6,6a,9,10,10a,10b-

decahydro-4-hydroxy-4a,10a-dimethyl-, (1R,4R,4aR,6aR,9S,10aS,10bS)-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{20}H_{22}O_6$ **Molecular Weight:** 358.39

Storage: Powder -20°C 3 years

> 4°C 2 years

In solvent -80°C 2 years

> -20°C 1 year

Chemical Structure:

ANALYTICAL DATA

Appearance: White to off-white (Solid) ¹H NMR Spectrum: Consistent with structure LCMS: Consistent with structure

Purity (HPLC): 99.86%

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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