Certificate of Analysis

Chebulagic acid

Cat. No.: HY-N1996 CAS No.: 23094-71-5 Batch No.: 241559

Chemical Name: β -D-Glucopyranose, cyclic 3,6-[(1R)-4,4',5,5',6,6'-hexahydroxy[1,1'-biphenyl]-2,2'-dicarboxylate]

1-(3,4,5-trihydroxybenzoate), cyclic 2→2:4→1-ester with (2S)-2-[(3S,4S)-5-carboxy-3,4-dihydro-3,

7,8-trihydroxy-2-oxo-2H-1-benzopyran-4-yl]butanedioic acid

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{41}H_{30}O_{27}$ **Molecular Weight:** 954.66

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: Off-white to light yellow (Solid)

¹H NMR Spectrum: Consistent with structure

Consistent with structure LCMS:

Purity (LCMS): 99.67%

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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