## **Certificate of Analysis**

## Hastatoside

Cat. No.: HY-N2015 CAS No .: 50816-24-5 Batch No.: 394717

**Chemical Name:**  $Cyclopenta[c] pyran-4-carboxylic\ acid,\ 1-(\beta-D-glucopyranosyloxy)-1,4a,5,6,7,7a-hexahydro-4a-h$ 

ydroxy-7-methyl-5-oxo-, methyl ester, (1S,4aR,7S,7aR)-

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{17}H_{24}O_{11}$ **Molecular Weight:** 404.37

4°C, protect from light Storage:

\* In solvent: -80°C, 6 months; -20°C, 1 month (protect from light)

**Chemical Structure:** 

## ANALYTICAL DATA

White to off-white (Solid) Appearance: <sup>1</sup>H NMR Spectrum: Consistent with structure MS: Consistent with structure

Purity (HPLC): 99.93%

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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