## **Certificate of Analysis**

## Arctiin

Cat. No.: HY-N0034 CAS No.: 20362-31-6 Batch No.: 48461

**Chemical Name:**  $2(3H)-Furanone, 4-[(3,4-dimethoxyphenyl)methyl]-3-[[4-(\beta-D-glucopyranosyloxy)-3-methoxyphenyl]-3-[[4-(\beta-D-glucopyranosyloxy)-3-methoxyphenyl]-3-[[4-(\beta-D-glucopyranosyloxy)-3-methoxyphenyl]-3-[[4-(\beta-D-glucopyranosyloxy)-3-methoxyphenyl]-3-[[4-(\beta-D-glucopyranosyloxy)-3-methoxyphenyl]-3-[[4-(\beta-D-glucopyranosyloxy)-3-methoxyphenyl]-3-[[4-(\beta-D-glucopyranosyloxy)-3-methoxyphenyl]-3-[[4-(\beta-D-glucopyranosyloxy)-3-methoxyphenyl]-3-[[4-(\beta-D-glucopyranosyloxy)-3-methoxyphenyl]-3-[[4-(\beta-D-glucopyranosyloxy)-3-methoxyphenyl]-3-[[4-(\beta-D-glucopyranosyloxy)-3-methoxyphenyl]-3-[[4-(\beta-D-glucopyranosyloxy)-3-methoxyphenyl]-3-[[4-(\beta-D-glucopyranosyloxy)-3-methoxyphenyl]-3-[[4-(\beta-D-glucopyranosyloxy)-3-methoxyphenyl]-3-[[4-(\beta-D-glucopyranosyloxy)-3-methoxyphenyl]-3-[[4-(\beta-D-glucopyranosyloxy)-3-methoxyphenyl]-3-[[4-(\beta-D-glucopyranosyloxy)-3-methoxyphenyl]-3-[[4-(\beta-D-glucopyranosyloxy)-3-methoxyphenyl]-3-[[4-(\beta-D-glucopyranosyloxy)-3-methoxyphenyl]-3-[4-(\beta-D-glucopyranosyloxy)-3-methoxyphenyl]-3-[4-(\beta-D-glucopyranosyloxy)-3-methoxyphenyl]-3-[4-(\beta-D-glucopyranosyloxy)-3-methoxyphenyl]-3-[4-(\beta-D-glucopyranosyloxy)-3-methoxyphenyl]-3-[4-(\beta-D-glucopyranosyloxy)-3-methoxyphenyl]-3-[4-(\beta-D-glucopyranosyloxy)-3-methoxyphenyl]-3-[4-(\beta-D-glucopyranosyloxy)-3-methoxyphenyl]-3-[4-(\beta-D-glucopyranosyloxy)-3-methoxyphenyl]-3-[4-(\beta-D-glucopyranosyloxy)-3-methoxyphenyl]-3-[4-(\beta-D-glucopyranosyloxy)-3-methoxyphenyl]-3-[4-(\beta-D-glucopyranosyloxy)-3-methoxyphenyl]-3-[4-(\beta-D-glucopyranosyloxy)-3-methoxyphenyl]-3-[4-(\beta-D-glucopyranosyloxy)-3-methoxyphenyl]-3-[4-(\beta-D-glucopyranosyloxy)-3-methoxyphenyl]-3-[4-(\beta-D-glucopyranosyloxy)-3-methoxyphenyl]-3-[4-(\beta-D-glucopyranosyloxy)-3-(4-(\beta-D-glucopyranosyloxy)-3-(4-(\beta-D-glucopyranosyloxy)-3-(4-(\beta-D-glucopyranosyloxy)-3-(4-(\beta-D-glucopyranosyloxy)-3-(4-(\beta-D-glucopyranosyloxy)-3-(4-(\beta-D-glucopyranosyloxy)-3-(4-(\beta-D-glucopyranosyloxy)-3-(4-(\beta-D-glucopyranosyloxy)-3-(4-(\beta-D-glucopyranosyloxy)-3-(4-(\beta-D-glucopyranosyloxy)-3-(4-(\beta-D-glucopyranosyloxy)-3-(4-(\beta-D-glucopyranosyloxy)-3-(4-(\beta-D-glucopyranosyloxy)-3-(4-(\beta$ 

enyl]methyl]dihydro-, (3R,4R)-

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{27}H_{34}O_{11}$ **Molecular Weight:** 534.55

Storage: Powder -20°C 3 years

> $4^{\circ}C$ 2 years

In solvent -80°C 2 years

> -20°C 1 year

**Chemical Structure:** 

## **ANALYTICAL DATA**

Appearance: White to off-white (Solid) LCMS: Consistent with structure

Purity (LCMS): 99.92%

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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