## Vinaginsenoside R4

Cat. No.: HY-N4265 CAS No.: 156009-80-2 Molecular Formula:  $C_{48}H_{82}O_{19}$ 

Molecular Weight: 963.15 Target: Others Pathway: Others

Storage: Please store the product under the recommended conditions in the COA.

## **BIOLOGICAL ACTIVITY**

Description Vinaginsenoside R4, isolated from the leaves of hydroponic Panax ginseng. It has an inhibitory effect on melanin

biosynthesis without any cytotoxic effects on the melan-a cells, and enhances the depigmentation on the zebrafish<sup>[1]</sup>.

## **REFERENCES**

[1]. Lee DY, et al. The potential of minor ginsenosides isolated from the leaves of Panax ginseng as inhibitors of melanogenesis. Int J Mol Sci. 2015 Jan 13;16(1):1677-90.

Caution: Product has not been fully validated for medical applications. For research use only.

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