



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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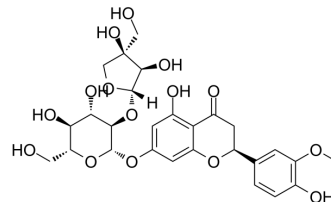
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## Viscumneoside III

Cat. No.:	HY-N8223
CAS No.:	118985-27-6
Molecular Formula:	C <sub>27</sub> H <sub>32</sub> O <sub>15</sub>
Molecular Weight:	596.53
Target:	Tyrosinase
Pathway:	Metabolic Enzyme/Protease
Storage:	-20°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



### BIOLOGICAL ACTIVITY

<b>Description</b>	Viscumneoside III, a dihydroflavone O-glycoside, is a potent tyrosinase inhibitor with an IC <sub>50</sub> of 0.5 mM. Viscumneoside III has anti-angina pectoris <sup>[1]</sup> .
<b>In Vitro</b>	Viscumneoside III (1.0 mg/mL) has the inhibition activitie on tyrosinase of 77% . Viscumneoside III is used as a material for cosmetics with whitening function <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

- [1]. LeiZou, et al. Total synthesis of viscumneoside III of Viscum coloratum. Tetrahedron, Volume 74, Issue 19, 10 May 2018, Pages 2376-2382.
- [2]. Se-Hui Jung, et al. Velutin, an Aglycone Extracted from Korean Mistletoe, with Improved Inhibitory Activity against Melanin Biosynthesis. Molecules. 2019 Jul 12;24(14):2549.

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

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