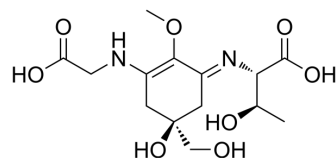


Porphyra 334

Cat. No.:	HY-126956
CAS No.:	70579-26-9
Molecular Formula:	C ₁₄ H ₂₂ N ₂ O ₈
Molecular Weight:	346.33
Target:	Reactive Oxygen Species; MMP
Pathway:	Immunology/Inflammation; Metabolic Enzyme/Protease; NF-κB
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Porphyra 334 is an antioxidative and anti-photoaging agent. Porphyra 334 suppresses ROS production and the expression of MMPs following UVA irradiation^{[1][2]}.

REFERENCES

- [1]. Jina Ryu, et al. Protective effect of porphyra-334 on UVA-induced photoaging in human skin fibroblasts. *Int J Mol Med.* 2014 Sep;34(3):796-803.
- [2]. Tao C, et al. Antioxidative activities of a mycosporine-like amino acid, porphyra-334. *Fisheries Science*, 2008, 74: 1166-1172.
- [3]. Ryu J, et al. Protective effect of porphyra-334 on UVA-induced photoaging in human skin fibroblasts. *Int J Mol Med.* 2014 Sep;34(3):796-803.

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

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