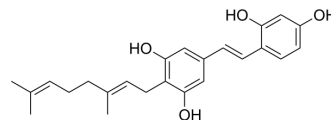


## Chlorophorin

Cat. No.:	HY-N7587
CAS No.:	537-41-7
Molecular Formula:	C <sub>24</sub> H <sub>28</sub> O <sub>4</sub>
Molecular Weight:	380.48
Target:	Melanocortin Receptor
Pathway:	GPCR/G Protein; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Chlorophorin is a inhibitor of Melanocortin Receptor. Chlorophorin reduces tyrosinase activity and inhibits a-melanocyte-stimulating hormone-induced melanin production in B16F10 melanoma cells<sup>[1]</sup>.

### REFERENCES

[1]. Jin YJ, et al. Chemical constituents derived from *Artocarpus xanthocarpus* as inhibitors of melanin biosynthesis. *Phytochemistry*. 2015 Sep;117:424-435.

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

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