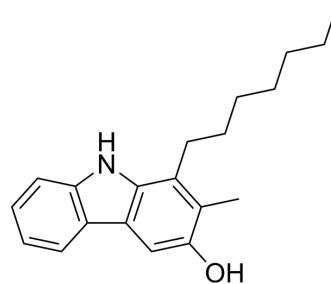


## Carazostatin

Cat. No.:	HY-119975
CAS No.:	126168-32-9
Molecular Formula:	C <sub>20</sub> H <sub>25</sub> NO
Molecular Weight:	295.42
Target:	Reactive Oxygen Species
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

Carazostatin (DC118), an antioxidant, can be isolated from *Streptomyces chromofuscus*. Carazostatin (DC118) exhibits strong inhibitory activity against free radical-induced lipid peroxidation and shows stronger antioxidant activity in liposomal membranes than α-tocopherol (VE)<sup>[1]</sup>.

### REFERENCES

[1]. Yuhzo Hieda, et al. Antioxidant effects of the highly-substituted carbazole alkaloids and their related carbazoles. *Bioorg Med Chem Lett*. 2014 Aug 1;24(15):3530-3.

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

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