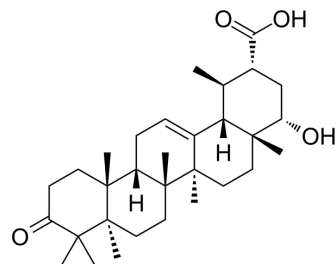


## Demethylregelin

Cat. No.:	HY-N1695
CAS No.:	173991-81-6
Molecular Formula:	C <sub>31</sub> H <sub>48</sub> O <sub>4</sub>
Molecular Weight:	484.71
Target:	NO Synthase
Pathway:	Immunology/Inflammation
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Demethylregelin (Regelin acid), a triterpene, effectively reduces the expression of iNOS protein and subsequent nitric oxide production induced by lipopolysaccharide (HY-D1056) in RAW264.7 cells. Demethylregelin has anti-inflammatory activities<sup>[1]</sup>.

### REFERENCES

- [1]. Eun Ju Jeong, et al. Anti-inflammatory Triterpenes from *Euonymus alatus* Leaves and Twigs on Lipopolysaccharide-activated RAW264.7 Macrophage Cells. *Bull. Korean Chem. Soc.* 2014, Vol. 35, No. 10 2945
- [2]. Eun Ju Jeong, et al. ChemInform Abstract: Antiinflammatory Triterpenes from *Euonymus alatus* Leaves and Twigs on Lipopolysaccharide-Activated RAW264.7 Macrophage Cells. March 2015ChemInform 46.

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

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