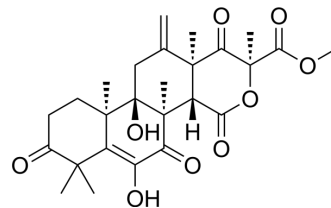


Terretonin

Cat. No.:	HY-N12196
CAS No.:	71911-90-5
Molecular Formula:	C ₂₆ H ₃₂ O ₉
Molecular Weight:	488.53
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Terretonin is a fungal terpenoid isolated from *Aspergillus terreus*. The complete biosynthetic pathway of terretonin includes: cytochrome P450 Trt6 catalyzes the oxidation of terpenoid to obtain an unstable intermediate; then it is catalyzed by isomerase Trt14 and processed by non-heme iron-dependent dioxygenase Trt7 to complete the biosynthesis of terretonin^[1].

REFERENCES

[1]. Matsuda Y, et al. Uncovering the unusual D-ring construction in terretonin biosynthesis by collaboration of a multifunctional cytochrome P450 and a unique isomerase[J]. *Journal of the American Chemical Society*, 2015, 137(9): 3393-3401.

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

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