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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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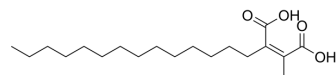
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Chaetomelic acid A

Cat. No.:	HY-134579
CAS No.:	148796-51-4
Molecular Formula:	C ₁₉ H ₃₄ O ₄
Molecular Weight:	326.47
Target:	Farnesyl Transferase
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Chaetomelic acid A can be isolated from *Chaetomella acutisetata*. Chaetomelic acid A is a specific inhibitor of farnesyl-protein transferase. Chaetomelic acid A decreases oxidative stress-induced apoptosis in cells. Chaetomelic acid A reduces renal damage after unilateral ureteral obstruction (UUO) in mice^{[1][2]}.

REFERENCES

- [1]. Nogueira A, et al. The Effects of Long-Term Chaetomelic Acid A Administration on Renal Function and Oxidative Stress in a Rat Model of Renal Mass Reduction. *Biomed Res Int.* 2017;2017:5125980.
- [2]. Lingham RB, et al. *Chaetomella acutisetata* produces chaetomelic acids A and B which are reversible inhibitors of farnesyl-protein transferase. *Appl Microbiol Biotechnol.* 1993 Nov;40(2-3):370-4.

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

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