



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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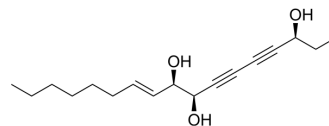
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(3S,8R,9R)-Isotalcarintriol

| | |
|--------------------|---|
| Cat. No.: | HY-N12486A |
| CAS No.: | 2962060-53-1 |
| Molecular Formula: | C ₁₇ H ₂₆ O ₃ |
| Molecular Weight: | 278.39 |
| Target: | Others |
| Pathway: | Others |
| Storage: | Please store the product under the recommended conditions in the Certificate of Analysis. |



BIOLOGICAL ACTIVITY

Description

(3S,8R,9R)-Isotalcarintriol is a natural polyacetylene compound found in carrot root parts. (3S,8R,9R)-Isotalcarintriol is a potent longevity promoter that improves glucose metabolism and has anti-tumor activity. (3S,8R,9R)-Isotalcarintriol can affect cellular respiration, interact with the α subunit of mitochondrial ATP synthase, and promote mitochondrial biogenesis. (3S,8R,9R)-Isotalcarintriol can be used in the study of neurodegenerative diseases, metabolic diseases, and aging^[1].

REFERENCES

[1]. Thomas C, et al. A naturally occurring polyacetylene isolated from carrots promotes health and delays signatures of aging[J]. Nature Communications, 2023, 14(1): 8142.

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

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