



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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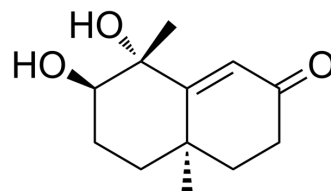
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Oxyphyllenone A

| | |
|--------------------|---|
| Cat. No.: | HY-N9297 |
| CAS No.: | 363610-34-8 |
| Molecular Formula: | C ₁₂ H ₁₈ O ₃ |
| Molecular Weight: | 210.27 |
| Target: | NO Synthase |
| Pathway: | Immunology/Inflammation |
| Storage: | Please store the product under the recommended conditions in the Certificate of Analysis. |



BIOLOGICAL ACTIVITY

Description

Oxyphyllenone A is an inhibitor of NO Synthase. Oxyphyllenone A inhibits the NO production in lipopolysaccharide-activated macrophages with an IC₅₀ of 28 μM^[1].

REFERENCES

[1]. Muraoka O, et al. Absolute stereostructures of novel norcadinane- and trinoreudesmane-type sesquiterpenes with nitric oxide production inhibitory activity from *Alpinia oxyphylla*. *Bioorg Med Chem Lett*. 2001 Aug 20;11(16):2217-20.

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

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