



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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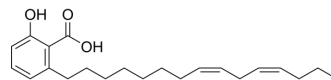
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Anacardic acid diene

| | |
|--------------------|---|
| Cat. No.: | HY-N7854 |
| CAS No.: | 103904-74-1 |
| Molecular Formula: | C ₂₂ H ₃₂ O ₃ |
| Molecular Weight: | 344.49 |
| Target: | Bacterial |
| Pathway: | Anti-infection |
| Storage: | Please store the product under the recommended conditions in the Certificate of Analysis. |



BIOLOGICAL ACTIVITY

Description

Anacardic acid diene is a polyunsaturated form of anacardic acid (HY-N2020) that has been found in cashew nut shell liquid. It has antibacterial activity against methicillin resistant *S. aureus* (MRSA) and *S. mutans* (MICs=12.5 and 6.25 µg/mL, respectively). Anacardic acid diene has schistosomicidal activity against adult *S. mansoni* worms when used at a concentration of 100 µM. It also inhibits soybean lipoxygenase-1 in a time-dependent manner.

REFERENCES

[1]. Alvarenga, et al. Schistosomicidal activity of alkyl-phenols from the cashew *Anacardium occidentale* against *Schistosoma mansoni* adult worms. *J. Agric. Food Chem.* 64(46), 8821-8827 (2016).

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

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