



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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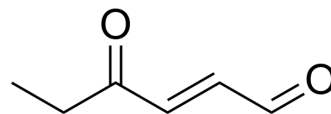
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4-OHE

Cat. No.:	HY-N12851
CAS No.:	2492-43-5
Molecular Formula:	C ₆ H ₈ O ₂
Molecular Weight:	112.13
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	4-OHE ((E)-4-Oxo-2-hexenal) is a mutagen formed by the peroxidation of omega-3 fats. 4-OHE has antibacterial activity ^{[1][2]} .
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REFERENCES

- [1]. Kasai H, et al. 4-oxo-2-hexenal, a mutagen formed by omega-3 fat peroxidation: occurrence, detection and adduct formation. *Mutat Res.* 2008 Jul-Aug;659(1-2):56-9.
- [2]. Noge K, et al. Antibacterial activity of 4-oxo-(E)-2-hexenal from adults and nymphs of the heteropteran, *Dolycoris baccarum* (Heteroptera: Pentatomidae). *Biosci Biotechnol Biochem.* 2012;76(10):1975-8.

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

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