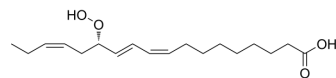


13-HPOT

Cat. No.:	HY-130323
CAS No.:	67597-26-6
Molecular Formula:	C ₁₈ H ₃₀ O ₄
Molecular Weight:	310.43
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

13-HPOT, a linolenic fatty acid hydroperoxide, is an antibacterial agent. 13-HPOT has a strong dose response effect on three plant pathogen gram negative bacteria: *Pectobacterium carotovorum*, *Pseudomonas syringae* and *Xanthomonas translucens*. 13-HPOT can interact with the lipid representative of the inner bacterial plasma membrane^[1].

REFERENCES

[1]. Estelle D, et al. Linolenic fatty acid hydroperoxide acts as biocide on plant pathogenic bacteria: Biophysical investigation of the mode of action. *Bioorg Chem.* 2020 Jul;100:103877.

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

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