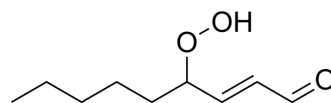


(2E)-4-Hydroperoxy-2-nonenal

Cat. No.:	HY-116722
CAS No.:	7439-43-2
Molecular Formula:	C ₉ H ₁₆ O ₃
Molecular Weight:	172.22
Target:	Reactive Oxygen Species
Pathway:	Immunology/Inflammation; Metabolic Enzyme/Protease; NF-κB
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

(2E)-4-Hydroperoxy-2-nonenal is a lipid peroxidation product derived from oxidized ω-6 polyunsaturated fatty acids, and can be used as a marker of oxidative stress^[1].

REFERENCES

[1]. Rindgen D, et al. Formation of a substituted 1,N(6)-etheno-2'-deoxyadenosine adduct by lipid hydroperoxide-mediated generation of 4-oxo-2-nonenal. Chem Res Toxicol. 2000;13(9):846-852.

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

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