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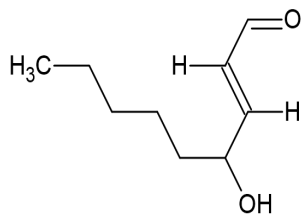
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## 4-Hydroxynonenal

**ALTERNATE NAME:** (*E*)-4-hydroxynon-2-enal

**CATALOG #:** AUR10442

**STRUCTURE:**



**MOLECULAR FORMULA:** C<sub>9</sub>H<sub>16</sub>O<sub>2</sub>

**MOLECULAR WEIGHT:** 156.2

**CAS#:** 75899-68-2

**APPEARANCE:** Liquid

**SOLUBILITY:** EOH (10 mg/ml)

**PURITY:** ≥98% by HPLC

**STORAGE:** Store at ≤-70°C' Protect from air and light

**DESCRIPTION:** 4-Hydroxy Nonenal is a lipid peroxidation product derived from oxidized ω-6 polyunsaturated fatty acids such as arachidonic acid.<sup>1,2</sup> 4-hydroxy Nonenal is widely used as a marker of lipid peroxidation.

**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure