(±)4-Hydroxynon-2-enal

Lipid peroxidation product

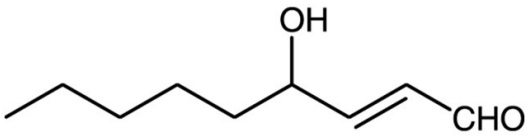
Cytotoxic product of microsomal lipid peroxidation induced by xenobiotics. Reported to be a specific chemical indicator of lipid peroxidation in rat liver microsomes and in myocardial reperfusion injury. Covalently reacts with LDL and HDL during oxidative modification. Modifies proteins by covalent reaction with histidine and lysine residues. Activates TRPA1.

Citations: 1 View Online »

Ordering Information Order Online »

BML-HA004-0001	1mg
BML-HA004-0010	10mg

Manuals, SDS & CofA View Online »

OH CHO	

Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended.
Long Term Storage	-80°C
Shipping	Dry Ice

Regulatory Status

RUO - Research Use Only

Product Details

Appearance	Colorless oil.
CAS	75899-68-2
Couple Target	TRP channel
Couple Type	Activator
Formula	$C_9H_{16}O_2$
MW	156.2
Purity	≥97%
Solubility	Soluble in 100% ethanol (25mg/ml).

Last modified: May 29, 2024

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