

trans-4,5-Epoxy-(E)-2-decenal

Cat. No.:	HY-120893
CAS No.:	134454-31-2
Molecular Formula:	C ₁₀ H ₁₆ O ₂
Molecular Weight:	168.23
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

trans-4,5-Epoxy-(E)-2-decenal is an oxygenated α,β -unsaturated aldehyde found in mammalian blood that gives blood its characteristic metallic odor. It is used by predators to locate blood or prey^[1].

REFERENCES

[1]. Lee SH, et al. 4,5-Epoxy-2(E)-decenal-induced formation of 1,N(6)-etheno-2'-deoxyadenosine and 1,N(2)-etheno-2'-deoxyguanosine adducts. Chem Res Toxicol. 2002 Mar;15(3):300-4.

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

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