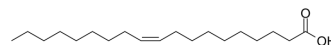


10Z-Nonadecenoic acid

Cat. No.:	HY-113450
CAS No.:	73033-09-7
Molecular Formula:	C ₁₉ H ₃₆ O ₂
Molecular Weight:	296.49
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	Solution, -20°C, 2 years



BIOLOGICAL ACTIVITY

Description	10Z-Nonadecenoic acid is a kind of long-chain fatty acid with anti-tumor activity.
IC ₅₀ & Target	Human Endogenous Metabolite
In Vitro	10Z-Nonadecenoic acid is a kind of long-chain fatty acid with anti-tumor activity ^[1] . 10Z-Nonadecenoic acid could also inhibit p53 activity ^[2] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Fukuzawa M1, et al. Possible involvement of long chain fatty acids in the spores of *Ganoderma lucidum* (Reishi Houshi) to its anti-tumor activity. *Biol Pharm Bull.* 2008 Oct;31(10):1933-7.

[2]. Iijima H, et al. The inhibitory action of long-chain fatty acids on the DNA binding activity of p53. *Lipids.* 2006 Jun;41(6):521-7.

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

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