

1-Octacosanol

Cat. No.:	HY-N6811
CAS No.:	557-61-9
Molecular Formula:	C ₂₈ H ₅₈ O
Molecular Weight:	410.77
Target:	Others
Pathway:	Others
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro	Ethanol : < 1 mg/mL (ultrasonic) (insoluble) H ₂ O : < 0.1 mg/mL (ultrasonic;warming;heat to 80°C) (insoluble) DMSO : < 1 mg/mL (ultrasonic;warming;heat to 60°C) (insoluble or slightly soluble)
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BIOLOGICAL ACTIVITY

Description	1-Octacosanol is a straight-chain aliphatic 28-carbon fatty alcohol with well-known anti-fatigue function ^[1] .
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REFERENCES

[1]. Gao W, et al. High-performance thin-layer chromatography for quantification of 1-octacosanol in Antarctic krill (*Euphausia superba* Dana). *J Chromatogr Sci.* 2015 May-Jun;53(5):811-5.

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

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