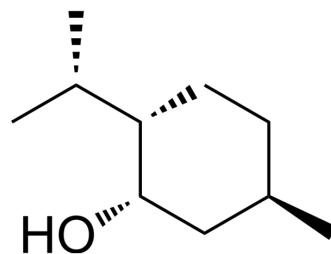


(+)-Neomenthol

Cat. No.:	HY-135286A		
CAS No.:	2216-52-6		
Molecular Formula:	C ₁₀ H ₂₀ O		
Molecular Weight:	156.27		
Target:	Parasite		
Pathway:	Anti-infection		
Storage:	Pure form	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (639.92 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	6.3992 mL	31.9959 mL	63.9918 mL
	5 mM	1.2798 mL	6.3992 mL	12.7984 mL
	10 mM	0.6399 mL	3.1996 mL	6.3992 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

(+)-Neomenthol is a potent miticide. (+)-Neomenthol shows acaricidal activities with LD₅₀ values of 0.32, 0.256 µg/mL for *Dermatophagoides farinae* and *Dermatophagoides pteronyssinus*, respectively^[1].

REFERENCES

[1]. Hwa-Won Lee, et al. Acaricidal potency of active constituent isolated from *Mentha piperita* and its structural analogs against pyroglyphid mites. *Journal of the Korean Society for Applied Biological Chemistry* volume, 2015, 58, 97-602.

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

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