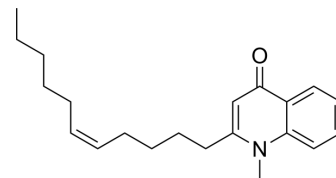


4(1H)-Quinolinone, 1-methyl-2-(5Z)-5-undecen-1-yl-

Cat. No.:	HY-N10907
CAS No.:	182056-11-7
Molecular Formula:	C ₂₁ H ₂₉ NO
Molecular Weight:	311.46
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

4(1H)-Quinolinone, 1-methyl-2-(5Z)-5-undecen-1-yl- (compound 2) is a quinolone alkaloid that can be isolated from *Cnidium*. 4(1H)-Quinolinone, 1-methyl-2-(5Z)-5-undecen-1-yl- has methicillin-resistant *Staphylococcus aureus* (MRSA) activity, with MIC values of 32 µg/mL (ATCC 33591) and 16 µM/mL (ATCC 25923), respectively^[1].

REFERENCES

[1]. Pan X, et al. Quinolone alkaloids from *Fructus Euodiae* show activity against methicillin-resistant *Staphylococcus aureus*. *Phytother Res.* 2014 Feb;28(2):305-7.

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

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