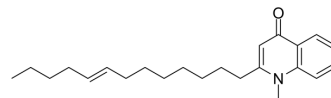


1-Methyl-2-(8E)-8-tridecenyl-4(1H)-quinolinone

Cat. No.:	HY-N10456
CAS No.:	98393-27-2
Molecular Formula:	C ₂₃ H ₃₃ NO
Molecular Weight:	339.51
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

1-Methyl-2-(8E)-8-tridecenyl-4(1H)-quinolinone is a potent antibacterial agent with an MIC₅₀ value of 22 μM and an MIC₉₀ value of 50 μM for Helicobacter pylori Strain 51. 1-Methyl-2-(8E)-8-tridecenyl-4(1H)-quinolinone has the potential for the research of gastric and duodenal ulcers^[1].

REFERENCES

[1]. Myung Woo Na, et al. Chemical Investigation of Tetradium ruticarpum Fruits and Their Antibacterial Activity against Helicobacter pylori. ACS Omega. 2022, 7, 27, 23736-23743.

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

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