

## 2-(2-Heptenyl)-3-methyl-4(1H)-quinolone

## Chemical Properties

CAS No. :	124201-44-1
Formula:	C17H21NO
Molecular Weight:	255.36
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>

## Biological Description

Description	2-(2-Heptenyl)-3-methyl-4(1H)-quinolone is a quinoline alkaloid identified in Burkholderia sp. VY81. This compound shows potential for research into bacterial diseases affecting rice (such as soft rot), as well as other plant pathogens like Pythium ultimum and Fusarium oxysporum.
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.916 mL	19.5802 mL	39.1604 mL
5 mM	0.7832 mL	3.916 mL	7.8321 mL
10 mM	0.3916 mL	1.958 mL	3.916 mL
50 mM	0.0783 mL	0.3916 mL	0.7832 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

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