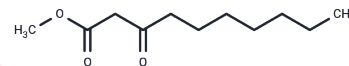


Methyl 3-oxodecanoate

Chemical Properties

CAS No. :	22348-96-5
Formula:	C11H20O3
Molecular Weight:	200.275
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	Methyl 3-oxodecanoate exhibits virulence factor activity against human pathogens and shows effects on <i>Synechococcus elongatus</i> (a species of fluorescent algae) as well as on culture supernatant. Additionally, Methyl 3-oxodecanoate inhibits DNA synthesis by suppressing protein synthesis at the translation initiation level.
Targets(IC50)	DNA/RNA Synthesis

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.993 mL	24.965 mL	49.9301 mL
5 mM	0.9986 mL	4.993 mL	9.986 mL
10 mM	0.4993 mL	2.4965 mL	4.993 mL
50 mM	0.0999 mL	0.4993 mL	0.9986 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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