

## 3-Decenoic acid

## Chemical Properties

CAS No. :	15469-77-9
Formula:	C <sub>10</sub> H <sub>18</sub> O <sub>2</sub>
Molecular Weight:	170.25
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	3-Decenoic acid is an organic compound classified as an unsaturated fatty acid. Exhibiting a strong rancid odor, it frequently appears in various foods, including dairy products and meats. In the pharmaceutical industry, 3-Decenoic acid is utilized primarily as an intermediate in the synthesis of antimicrobial agents (such as antibiotics). Additionally, it serves as a food preservative to inhibit microbial growth.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.8737 mL	29.3686 mL	58.7372 mL
5 mM	1.1747 mL	5.8737 mL	11.7474 mL
10 mM	0.5874 mL	2.9369 mL	5.8737 mL
50 mM	0.1175 mL	0.5874 mL	1.1747 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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