

## 10-Undecenoic acid

## Chemical Properties

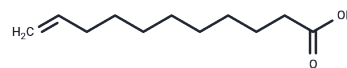
CAS No. : 112-38-9

Formula: C<sub>11</sub>H<sub>20</sub>O<sub>2</sub>

Molecular Weight: 184.28

Appearance: no data available

Storage: Pure form: -20°C for 3 years | In solvent: -80°C for 1 year



## Biological Description

|               |                                                                                                                   |
|---------------|-------------------------------------------------------------------------------------------------------------------|
| Description   | 10-Undecenoic acid (Undecylenic acid) is a natural or synthetic fungistatic fatty acid, with antifungal activity. |
| Targets(IC50) | Endogenous Metabolite,Antibiotic,Antifungal                                                                       |

## Solubility Information

|            |                                                                                                                          |
|------------|--------------------------------------------------------------------------------------------------------------------------|
| Solubility | DMSO: 50 mg/mL (271.33 mM),Sonication is recommended.<br>(< 1 mg/ml refers to the product slightly soluble or insoluble) |
|------------|--------------------------------------------------------------------------------------------------------------------------|

## Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg       |
|-------|-----------|------------|------------|
| 1 mM  | 5.4265 mL | 27.1326 mL | 54.2652 mL |
| 5 mM  | 1.0853 mL | 5.4265 mL  | 10.853 mL  |
| 10 mM | 0.5427 mL | 2.7133 mL  | 5.4265 mL  |
| 50 mM | 0.1085 mL | 0.5427 mL  | 1.0853 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.

## Reference

EREAUX LP, CRAIG GE. Can Med Assoc J. 1949 Oct;61(4):361-4.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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