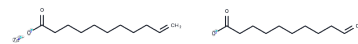


## 10-Undecenoic acid zinc salt

## Chemical Properties

CAS No. :	557-08-4
Formula:	C <sub>11</sub> H <sub>20</sub> O <sub>2</sub> .1/2Zn
Molecular Weight:	215.96
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	10-Undecenoic acid zinc salt (Zinc undecylenate), a synthetic or natural fungistatic fatty acid, is used topically in creams against eczemas, fungal infections, ringworm, and other cutaneous conditions. The zinc offers an astringent action.
Targets(IC50)	Beta Amyloid,Proteasome,Antibacterial,Antibiotic,Antifungal,DNA/RNA Synthesis,ROS

## Solubility Information

Solubility	Methanol: < 1 mg/mL (insoluble) Ethanol: < 1 mg/mL (insoluble) DMSO: < 1 mg/mL (insoluble or slightly soluble), Chloroform: 5.56 mg/mL (25.75 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.6305 mL	23.1524 mL	46.3049 mL
5 mM	0.9261 mL	4.6305 mL	9.261 mL
10 mM	0.463 mL	2.3152 mL	4.6305 mL
50 mM	0.0926 mL	0.463 mL	0.9261 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.

## Reference

Lin MC, et al. J Chromatogr A. 2006 Jun 30;1119(1-2):264-9.

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