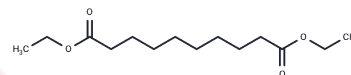


## Diethyl decanedioate

## Chemical Properties

CAS No. :	110-40-7
Formula:	C <sub>14</sub> H <sub>26</sub> O <sub>4</sub>
Molecular Weight:	258.35
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	Diethyl decanedioate (NSC 8911) is a dicarboxylic acid ester compound primarily used as a plasticiser in polyvinyl chloride (PVC), synthetic rubber, and cellulose resins.
Targets(IC50)	Others

## Solubility Information

Solubility	DMSO: 180 mg/mL (696.73 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	3.8707 mL	19.3536 mL	38.7072 mL
5 mM	0.7741 mL	3.8707 mL	7.7414 mL
10 mM	0.3871 mL	1.9354 mL	3.8707 mL
50 mM	0.0774 mL	0.3871 mL	0.7741 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

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