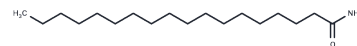


## Stearamide

## Chemical Properties

CAS No. :	124-26-5
Formula:	C <sub>18</sub> H <sub>37</sub> NO
Molecular Weight:	283.49
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	Stearamide(Stearic acid amide) is a primary fatty acid amide that is cytotoxic and fish toxic and can be used to increase the properties of nanoparticles.
Targets(IC50)	Others,Akt,Liposome,mTOR

## Solubility Information

Solubility	DMSO: < 1 mg/mL (insoluble or slightly soluble), Ethanol: 23.86 mg/mL (84.17 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	3.5275 mL	17.6373 mL	35.2746 mL
5 mM	0.7055 mL	3.5275 mL	7.0549 mL
10 mM	0.3527 mL	1.7637 mL	3.5275 mL
50 mM	0.0705 mL	0.3527 mL	0.7055 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

Matthew J.Bertin, et al. Identification of toxic fatty acid amides isolated from the harmful alga *Prymnesium parvum* carter.

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Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481