

## Hexadecanolactone

## Chemical Properties

CAS No. :	109-29-5
Formula:	C <sub>16</sub> H <sub>30</sub> O <sub>2</sub>
Molecular Weight:	254.41
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	Hexadecanolide is an agent of bioactive chemicals.
Targets(IC50)	Others

## Solubility Information

Solubility	DMSO: Soluble, ( $< 1$ mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.9307 mL	19.6533 mL	39.3066 mL
5 mM	0.7861 mL	3.9307 mL	7.8613 mL
10 mM	0.3931 mL	1.9653 mL	3.9307 mL
50 mM	0.0786 mL	0.3931 mL	0.7861 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

Tanaka H, Kageyama K, Asada R, Yoshimura N, Miwa N. Promotive effects of hyperthermia on the cytostatic activity to Ehrlich ascites tumor cells by diverse delta-alkyllactones. *Exp Oncol.* 2008 Jun;30(2):143-7. PubMed PMID: 18566579.

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