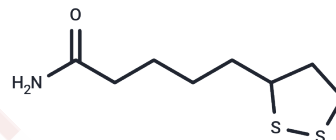


## Thioctamide

## Chemical Properties

CAS No. :	3206-73-3
Formula:	C <sub>8</sub> H <sub>15</sub> NOS <sub>2</sub>
Molecular Weight:	205.34
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	Thioctamide (Thioctic acid amide) is a trivial name for 6, 8-dithiooctanoic amide. It is 6, 8-dithiooctanoic acid's functional form where the carboxyl group is attached to protein (or any other amine) by an amide linkage (containing -NH <sub>2</sub> ).
Targets(IC50)	Others

## Solubility Information

Solubility	DMSO: 55 mg/mL (267.85 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	4.870 mL	24.3499 mL	48.6997 mL
5 mM	0.974 mL	4.870 mL	9.7399 mL
10 mM	0.487 mL	2.435 mL	4.870 mL
50 mM	0.0974 mL	0.487 mL	0.974 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

Bryk R, et al. Biochemistry. 2013 Dec 23;52(51):9375-84.

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