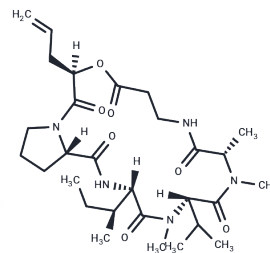


## Destruxin A

## Chemical Properties

CAS No. :	6686-70-0
Formula:	C <sub>29</sub> H <sub>47</sub> N <sub>5</sub> O <sub>7</sub>
Molecular Weight:	577.71
Storage:	Keep away from moisture Powder: -20°C for 3 years   In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



## Biological Description

Description	Destruxin A is a cyclic hexadepsipeptide produced by fungus causing paralysis and death in insects.
Targets(IC50)	Antibacterial, Antibiotic

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.731 mL	8.6549 mL	17.3097 mL
5 mM	0.3462 mL	1.731 mL	3.4619 mL
10 mM	0.1731 mL	0.8655 mL	1.731 mL
50 mM	0.0346 mL	0.1731 mL	0.3462 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

Gong L, et al. Gene expression profile of Bombyx mori hemocyte under the stress of destruxin A. PLoS One. 2014 May 6;9(5):e96170.

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