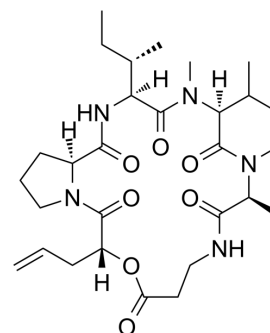


Destruxin A

Cat. No.:	HY-N6689		
CAS No.:	6686-70-0		
Molecular Formula:	C ₂₉ H ₄₇ N ₅ O ₇		
Molecular Weight:	577.71		
Target:	Others		
Pathway:	Others		
Storage:	Powder	-80°C	2 years
		-20°C	1 year
	In solvent	-80°C	6 months
		-20°C	1 month



BIOLOGICAL ACTIVITY

Description

Destruxin A (DA) is a cyclo-peptidic mycotoxin from the entomopathogenic fungus *Metarhizium anisopliae*, with insecticidal, anti-viral and antiproliferative activities^[1].

REFERENCES

- [1]. 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.
- [2]. Pal S, et al. Fungal peptide Destruxin A plays a specific role in suppressing the innate immune response in *Drosophila melanogaster*. *J Biol Chem*. 2007 Mar 23;282(12):8969-77.
- [3]. Odier F, et al. In vitro effect of fungal cyclodepsipeptides on leukemic cells: study of destruxins A, B and E. *Biol Cell*. 1992;74(3):267-71.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA