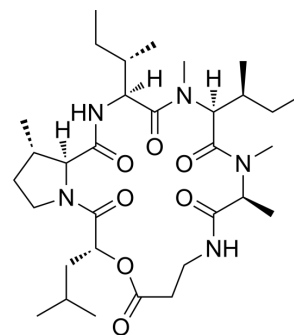


Homodestcardin

Cat. No.:	HY-P3107
CAS No.:	917382-84-4
Molecular Formula:	C ₃₂ H ₅₅ N ₅ O ₇
Molecular Weight:	621.81
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Homodestcardin, a destruxinbased cyclodepsipeptide, is an immunosuppressant. Homodestcardin, a fungal metabolite, displays pronounced activities against concanavalin A (Con A) activation, with an IC ₅₀ value of 0.86 μM ^[1] .
IC₅₀ & Target	Microbial Metabolite

REFERENCES

[1]. Ai Hua Zhang, et al. Discovery of a new class of immunosuppressants from *Trichothecium roseum* co-inspired by cross-kingdom similarity in innate immunity and pharmacophore motif. *Chem Asian J.* 2013 Dec;8(12):3101-7.

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