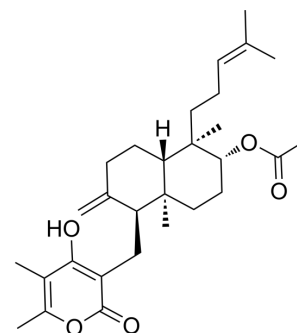


Sesquicillin A

Cat. No.:	HY-137801
CAS No.:	51103-58-3
Molecular Formula:	C ₂₉ H ₄₂ O ₅
Molecular Weight:	470.64
Target:	Parasite
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Sesquicillin A is an insecticidal antibiotic, a fungal metabolite isolated from white plantain. Sesquicillin A inhibits the growth of <i>A. salina</i> brine shrimp with the MIC value of 6.25 µg/mL ^[1] .
In Vitro	Sesquicillin A is toxic to Jurkat cells with an IC ₅₀ of 34 µM ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Ryuji Uchida, et al. New sesquicillins, insecticidal antibiotics produced by *Albophoma* sp. FKI-1778. *J Antibiot* (Tokyo). 2005 Jun;58(6):397-404.

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