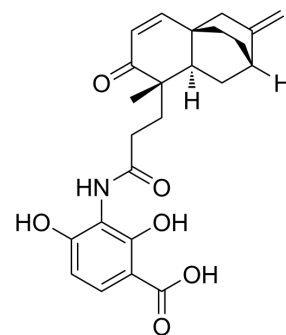


Platencin

Cat. No.:	HY-118512
CAS No.:	869898-86-2
Molecular Formula:	C ₂₄ H ₂₇ NO ₆
Molecular Weight:	425.47
Target:	Antibiotic; Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Platencin is a natural, broad spectrum Gram-positive antibiotic isolated from *S. platensis*. Platencin inhibits β -ketoacyl-ACP synthases II and III (FabF and FabH, respectively) with IC₅₀s of 1.95 and 3.91 μ g/ml, respectively^[1].

REFERENCES

[1]. Wang J, et al. Discovery of platencin, a dual FabF and FabH inhibitor with in vivo antibiotic properties. Proc Natl Acad Sci U S A. 2007 May 1;104(18):7612-6.

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