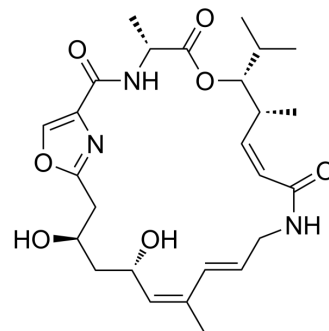


A2315A

Cat. No.:	HY-118593
CAS No.:	58717-24-1
Molecular Formula:	C ₂₆ H ₃₇ N ₃ O ₇
Molecular Weight:	503.59
Target:	Antibiotic
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

A2315A (Madumycin II) is an alanine-containing streptogramin A antibiotic. A2315A is a potent peptidyl transferase center (PTC) inhibitor. A2315A inhibits the ribosome prior to the first cycle of peptide bond formation^[1].

REFERENCES

[1]. Osterman IA, et, al. Madumycin II inhibits peptide bond formation by forcing the peptidyl transferase center into an inactive state. *Nucleic Acids Res.* 2017 Jul 7;45(12):7507-7514.

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

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