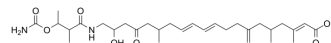


Kalimantacin A

Cat. No.:	HY-142124
CAS No.:	174513-95-2
Molecular Formula:	C ₃₀ H ₄₈ N ₂ O ₇
Molecular Weight:	548.71
Target:	Antibiotic; Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Kalimantacin A is a potent antibiotic. Kalimantacin A shows antibacterial activity against staphylococcus including methicillin-resistant staphylococcus aureus (MRSA)^{[1][2]}.

REFERENCES

[1]. Tokunaga T, et al. Kalimantacin A, B, and C, novel antibiotics produced by *Alcaligenes* sp. YL-02632S. II. Physico-chemical properties and structure elucidation. *J Antibiot* (Tokyo). 1996 Feb;49(2):140-4.

[2]. Thistlethwaite IRG, et al. Elucidation of the relative and absolute stereochemistry of the kalimantacin/batumin antibiotics. *Chem Sci*. 2017 Sep 1;8(9):6196-6201.

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

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