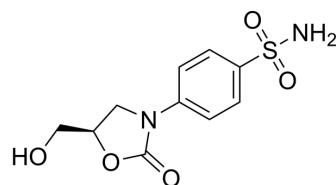


S-6123

Cat. No.:	HY-122123
CAS No.:	87508-45-0
Molecular Formula:	C ₁₀ H ₁₂ N ₂ O ₅ S
Molecular Weight:	272.28
Target:	Bacterial; Antibiotic
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	S-6123 is a potent antimicrobial compound of the oxazolidinone series. S-6123 inhibits ribosomal protein synthesis without inhibiting DNA or RNA synthesis ^[1] .
IC ₅₀ & Target	Oxazolidinone
In Vitro	S-6123 exhibits potent antimicrobial activity against gram-positive bacterias, <i>Streptococcus pyogenes</i> ; <i>Streptococcus agalactiae</i> ; Group C and G streptococci; Viridans group streptococci, penicillin susceptible; and Viridans group streptococci, penicillin resistant with MIC values of 16 µg/ml; 32 µg/ml; 16 µg/ml; 16 µg/ml; 8 µg/ml; 32 µg/ml, respectively. MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. J S Daly, et al. Mechanism of action and in vitro and in vivo activities of S-6123, a new oxazolidinone compound. *Antimicrob Agents Chemother.* 1988 Sep;32(9):1341-6.

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

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