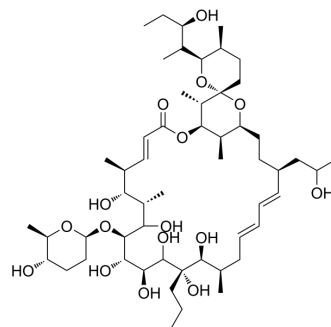


(S)-IB-96212

Cat. No.:	HY-161239
Molecular Formula:	C ₅₄ H ₉₄ O ₁₆
Molecular Weight:	999.31
Target:	Bacterial; Antibiotic
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

(S)-IB-96212 (compound 4), an oligomycin derivative, inhibits the MurD2 reaction, but not the MurL reaction. (S)-IB-96212 is a specific inhibitor of the alternative pathway of peptidoglycan biosynthesis. (S)-IB-96212 weakly inhibits the MurD reaction [1].

REFERENCES

[1]. Shuhei Umetsu, et al. Identification of a new oligomycin derivative as a specific inhibitor of the alternative peptidoglycan biosynthetic pathway. *J Antibiot (Tokyo)*. 2024 Jan 10.

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

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