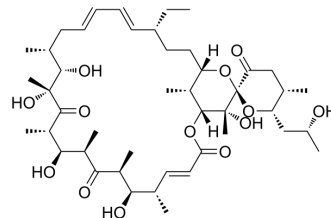


Oligomycin E

Cat. No.:	HY-125300
CAS No.:	110231-34-0
Molecular Formula:	C ₄₅ H ₇₂ O ₁₃
Molecular Weight:	821.05
Target:	Fungal; Antibiotic
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Oligomycin E is an antitumor antibiotic that can be isolated from *Streptomyces*. Oligomycin E has significant antifungal activity, showing minimal inhibitory concentrations (MICs) values between 2 and 75 µg/mL. Oligomycin E has strong antitumor activity against HeLa cells, with an IC₅₀ of 0.014 µg/mL^[1].

REFERENCES

- [1]. Kobayashi K, et al. Oligomycin E, a new antitumor antibiotic produced by *Streptomyces* sp. MCI-2225. *J Antibiot (Tokyo)*. 1987 Jul;40(7):1053-7.
- [2]. Khebizi N, et al. Oligomycins A and E, major bioactive secondary metabolites produced by *Streptomyces* sp. strain HG29 isolated from a Saharan soil. *J Mycol Med*. 2018 Mar;28(1):150-160.

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

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