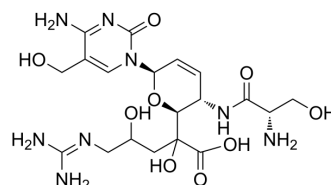


Mildiomyacin

Cat. No.:	HY-N10338
CAS No.:	67527-71-3
Molecular Formula:	C ₁₉ H ₃₀ N ₈ O ₉
Molecular Weight:	514.49
Target:	Antibiotic; Fungal
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Mildiomyacin is a <i>Streptoverticillium rimofaciens</i> antibiotic against powdery mildew of barley. Mildiomycin inhibits some <i>Mycobacterium</i> and <i>Rhodotorula</i> growth, but fails against most fungi and bacteria ^[1] .
In Vitro	Mildiomyacin (10-80 µg/mL; 18-20 h) causes an increase diameter of inhibition zone against <i>Rhodotorula rubra</i> IFO 0907 in a dose-dependent manner ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Iwasa T, et al. Taxonomic study and fermentation of producing organism and antimicrobial activity of mildiomycin. *J Antibiot (Tokyo)*. 1978 Jun;31(6):511-8.

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

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