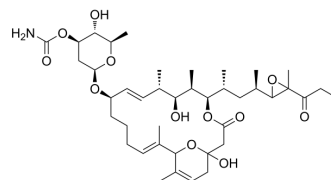


Irumamycin

Cat. No.:	HY-N12654
CAS No.:	81604-73-1
Molecular Formula:	C ₄₁ H ₆₅ NO ₁₂
Molecular Weight:	763.95
Target:	Fungal; Parasite; Antibiotic
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Irumamycin is a natural 20-membered macrolide antibiotic. Irumamycin is active in vitro against some phytopathogenic fungi^[1]. Irumamycin also shows potent antitrypanosomal activity^[2].

REFERENCES

[1]. S Omura, et al. Irumamycin, an antifungal 20-membered macrolide produced by a Streptomyces. Taxonomy, fermentation and biological properties. J Antibiot (Tokyo). 1984 Dec;37(12):1572-8.

[2]. Kazuhiko Otoguro, et al. Selective and potent in vitro antitrypanosomal activities of ten microbial metabolites. J Antibiot (Tokyo). 2008 Jun;61(6):372-8.

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

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