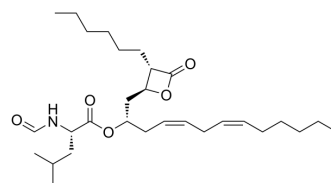


Lipstatin

Cat. No.:	HY-N2330
CAS No.:	96829-59-3
Molecular Formula:	C ₂₉ H ₄₉ NO ₅
Molecular Weight:	491.7
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Lipstatin is a very potent pancreatic lipase inhibitor can be isolated from <i>Streptomyces toxytricini</i> . Lipstatin inhibits the hydrolysis of trioleate by porcine pancreatic lipase with an IC ₅₀ of 0.14 μM ^[1] .
In Vivo	Lipstatin (20, 60 mg/kg; p.o.; single dose; 3 days) dose-dependently inhibits the absorption of triolein, whereas oleic acid is absorbed normally in mice ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Weibel E K, et al. Lipstatin, an inhibitor of pancreatic lipase, produced by *Streptomyces toxytricini* I. Producing organism, fermentation, isolation and biological activity[J]. *The Journal of antibiotics*, 1987, 40(8): 1081-1085.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA