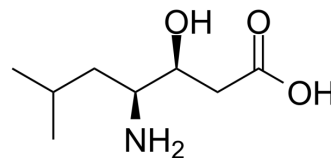


Statine

Cat. No.:	HY-101877
CAS No.:	49642-07-1
Molecular Formula:	C ₈ H ₁₇ NO ₃
Molecular Weight:	175.23
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Statine is an unusual amino acid that occurs twice in the sequence of pepstatin, a protease inhibitor that is active against pepsin and other acid proteases.
In Vitro	Statine is an unusual amino acid that occurs twice in the sequence of pepstatin, a protease inhibitor that is active against pepsin and other acid proteases. Statine is also an analog of the previously proposed transition state for catalysis by pepsin and other acid proteases ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Marciniuszyn J Jr, et al. Mode of inhibition of acid proteases by pepstatin. J Biol Chem. 1976 Nov 25;251(22):7088-94.

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

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