



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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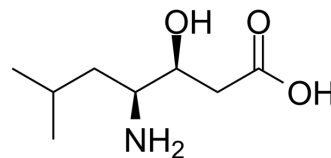
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Statine

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:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro

H₂O : ≥ 125 mg/mL (713.35 mM)
* "≥" means soluble, but saturation unknown.

Solvent	Mass	Concentration		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	5.7068 mL	28.5339 mL	57.0679 mL
	5 mM	1.1414 mL	5.7068 mL	11.4136 mL
	10 mM	0.5707 mL	2.8534 mL	5.7068 mL

Please refer to the solubility information to select the appropriate solvent.

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]. Marcinişzyn 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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