



biochemicals

Manufactured by VDM Biochemicals.LLC

5386 Majestic Parkway, Unit-9, Bedford Heights, OH 44146, USA

Phone Number: 1-440-786-9400

Fax Number: 1-440-786-9410

Email: sales@vdm.bio

Product Data Sheet

Product name: **Elastase Inhibitor III**

Cat. number: **VD-PI-0008**

CAS Number: **65144-34-5**

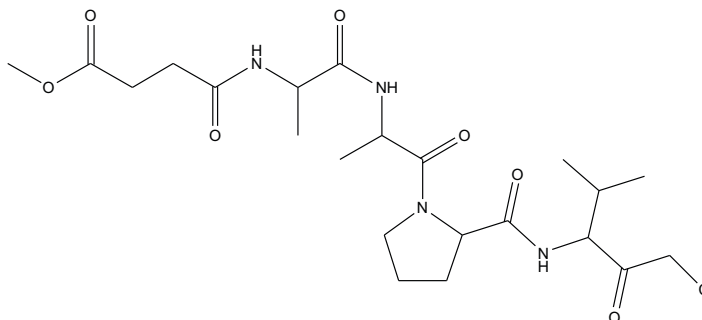
Lot number: **VD909909**

www.vdm.bio

Personal protective equipment

■ Lab coat.

■ Safety glasses.



Product Specification

Formula:	C ₂₃ H ₃₆ ClN ₃ O ₇
MW:	503.0
Purity:	>=97% by HPLC
Appearance:	White solid
Solubility:	DMSO or MeOH
Storage:	-20°C.
Synonyms:	HLE Inhibitor; MeOSuc-AAPV-CMK; N-(Methoxysuccinyl)-Ala-Ala-Pro-Val-chloromethyl ketone

Product Description:

A potent irreversible inhibitor of human leukocyte elastase (HLE)(K_i = 10 μM). Protects against lung injury induced by instillation of elastase.

Product References

- 1.Fletcher, D.S., et al. 1990. Am. Rev. Respir. Dis. 141, 672.
- 2.Stein, R.L., and Trainor, D.A. 1986. Biochemistry 25, 5414.
- 3.Powers, J.C., et al. 1977. Biochim. Biophys. Acta 485, 15.

Signature _____