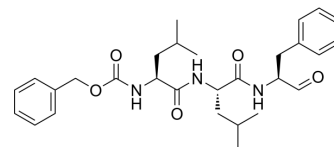


Z-LLF-CHO

Cat. No.:	HY-138096
CAS No.:	133429-58-0
Molecular Formula:	C ₂₉ H ₃₉ N ₃ O ₅
Molecular Weight:	509.64
Sequence:	Z-Leu-Leu-Phe-CHO
Sequence Shortening:	Z-LLF-CHO
Target:	Proteasome
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Z-LLF-CHO (Z-Leu-Leu-Phe-CHO) is a potent inhibitor of the chymotrypsin-like activity of the pituitary multicatalytic proteinase complex ($K_i = 460$ nM). Z-LLF-CHO is also a NF- κ B nuclear translocation inhibitor ^{[1][2]} .
-------------	--

REFERENCES

[1]. Orłowski M, et al. Evidence for the presence of five distinct proteolytic components in the pituitary multicatalytic proteinase complex. Properties of two components cleaving bonds on the carboxyl side of branched chain and small neutral amino acids. *Biochemistry*. 1993 Feb 16;32(6):1563-72.

[2]. Ding L, et al. Epstein-Barr virus encoded latent membrane protein 1 modulates nuclear translocation of telomerase reverse transcriptase protein by activating nuclear factor-kappaB p65 in human nasopharyngeal carcinoma cells. *Int J Biochem Cell Biol*. 2005 Sep;37(9):1881-9.

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