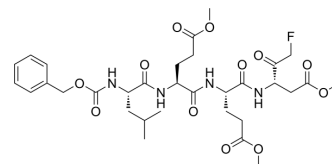


## Z-LEED-FMK

Cat. No.:	HY-P5122
CAS No.:	1135688-38-8
Molecular Formula:	C <sub>32</sub> H <sub>45</sub> FN <sub>4</sub> O <sub>12</sub>
Molecular Weight:	696.72
Target:	Caspase
Pathway:	Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	Z-LEED-FMK is a caspase-13 and caspase-4 inhibitor. Z-LEED-FMK also inhibits caspase-1 processing in <i>S. typhimurium</i> -infected macrophages <sup>[1][2]</sup> .		
IC <sub>50</sub> & Target	Caspase-13	Caspase-4	Caspase-1

### REFERENCES

- [1]. Asch R J, et al. Role of Individual Amino Acids in the Action of Caspase Inhibitors as Proapoptotic Peptides for Human Leukemia. 2004.
- [2]. Imamura R, et al. Anti-inflammatory activity of PYNOD and its mechanism in humans and mice. *J Immunol.* 2010 May 15;184(10):5874-84.

**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