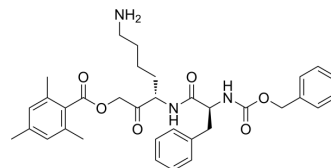


## Z-FK-ck

Cat. No.:	HY-P4302
CAS No.:	118253-05-7
Molecular Formula:	C <sub>34</sub> H <sub>41</sub> N <sub>3</sub> O <sub>6</sub>
Molecular Weight:	587.71
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



## BIOLOGICAL ACTIVITY

### Description

Z-FK-ck (Z-Phe-Lys-2,4,6-Trimethylbenzoyloxy-methylketone) is a potent and selective gingipain-K-specific inhibitor. Z-FK-ck prolongs plasma thrombin time (TT) in a dose- and time-dependent manner<sup>[1]</sup>.

## REFERENCES

[1]. Imamura T, et, al. Effect of free and vesicle-bound cysteine proteinases of Porphyromonas gingivalis on plasma clot formation: implications for bleeding tendency at periodontitis sites. Infect Immun. 1995 Dec;63(12):4877-82.

**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