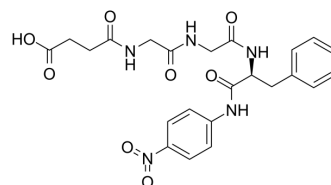


## Suc-Gly-Gly-Phe-pNA

Cat. No.:	HY-137186
CAS No.:	68982-90-1
Molecular Formula:	C <sub>23</sub> H <sub>25</sub> N <sub>5</sub> O <sub>8</sub>
Molecular Weight:	499.47
Target:	Proteasome
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Suc-Gly-Gly-Phe-pNA is the chymotrypsin substrate with an  $K_m$  value of 1.6 mM<sup>[1][2]</sup>.

### REFERENCES

- [1]. Tanaka T, et al. Substrate Specificity of Aqualysin I, a Bacterial Thermophilic Alkaline Serine Protease from *Thermus aquaticus* YT-1: Comparison with Proteinase K, Subtilisin BPN' and Subtilisin Carlsberg. *Biosci Biotechnol Biochem.* 1998;62(11):2161-5.
- [2]. Pourzand C, et al. Ultraviolet A radiation induces immediate release of iron in human primary skin fibroblasts: the role of ferritin. *Proc Natl Acad Sci U S A.* 1999 Jun 8;96(12):6751-6.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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