

## Picornain 3C

Cat. No.:	HY-E70018
CAS No.:	97162-88-4
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

## Picornain 3C

### BIOLOGICAL ACTIVITY

#### Description

Picornain 3C is a protease found in picornaviruses, which cleaves peptide bonds of non-terminal sequences. Picornain 3C is an intermediate between the serine peptidase chymotrypsin and the cysteine peptidase papain. Picornain 3C shows endopeptidase activity by selectively cleaving Gln-Gly bonds in the polyprotein of poliovirus and with substitution of Glu for Gln, and Ser or Thr for Gly in other picornaviruses<sup>[1]</sup>.

### REFERENCES

[1]. Sárkány Z, et al. The unusual catalytic triad of poliovirus protease 3C. *Biochemistry*. 2003 Jan 21;42(2):516-22.

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

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