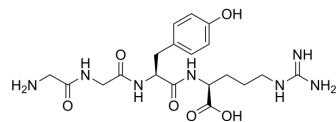


Papain inhibitor

Cat. No.:	HY-P1315
CAS No.:	70195-20-9
Molecular Formula:	C ₁₉ H ₂₉ N ₇ O ₆
Molecular Weight:	451.48
Sequence:	Gly-Gly-Tyr-Arg
Sequence Shortening:	GGYR
Target:	Cathepsin
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Papain inhibitor (Glycylglycyl-L-tyrosyl-L-arginine) acts as an effective competitive inhibitor to papain, with a K _i of 9 μM at pH 6.2 ^[1] .
IC ₅₀ & Target	Papain ^[1] .

REFERENCES

[1]. Plumb K, et al. Interaction of a ferrocenoyl-modified peptide with papain: toward protein-sensitive electrochemical probes. *Bioconjug Chem.* 2003 May-Jun;14(3):601-6.

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

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