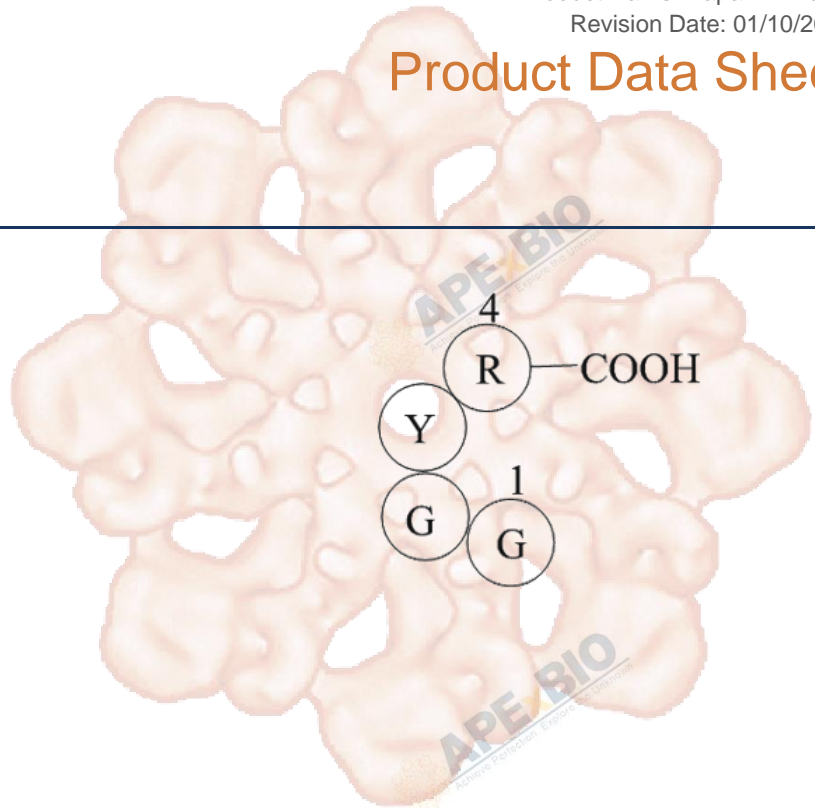


Product Data Sheet

Papain Inhibitor

Cat. No.: A1035
CAS No.: 70195-20-9
Formula: C₁₉H₂₉N₇O₆
M.Wt: 451.48
Synonyms: H₂N-Gly-Gly-Tyr-Arg-OH
Target: Immunology/Inflammation
Pathway: Papain
Storage: Store at -20°C



Solvent & Solubility

insoluble in EtOH; ≥ 45.1 mg/mL in DMSO; ≥ 90.4 mg/mL in H₂O

In Vitro

Preparing Stock Solutions	Solvent	Mass Concentration	Mass		
			1mg	5mg	10mg
		1 mM	2.2149 mL	11.0747 mL	22.1494 mL
		5 mM	0.4430 mL	2.2149 mL	4.4299 mL
		10 mM	0.2215 mL	1.1075 mL	2.2149 mL

Please refer to the solubility information to select the appropriate solvent.

Biological Activity

Shortsummary

Inhibitor of peptidase activity of Papain

IC₅₀ & Target

In Vitro

Cell Viability Assay

Preparation method:

In Vivo

Animal experiment

Applications:

Product Citations

See more customer validations on www.apexbt.com.

References

Caution

FOR RESEARCH PURPOSES ONLY.

NOT FOR HUMAN, VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.

Specific storage and handling information for each product is indicated on the product datasheet. Most APEX BIO products are stable under the recommended conditions. Products are sometimes shipped at a temperature that differs from the recommended storage temperature. Shortterm storage of many products are stable in the short-term at temperatures that differ from that required for long-term storage. We ensure that the product is shipped under conditions that will maintain the quality of the reagents. Upon receipt of the product, follow the storage recommendations on the product data sheet.

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