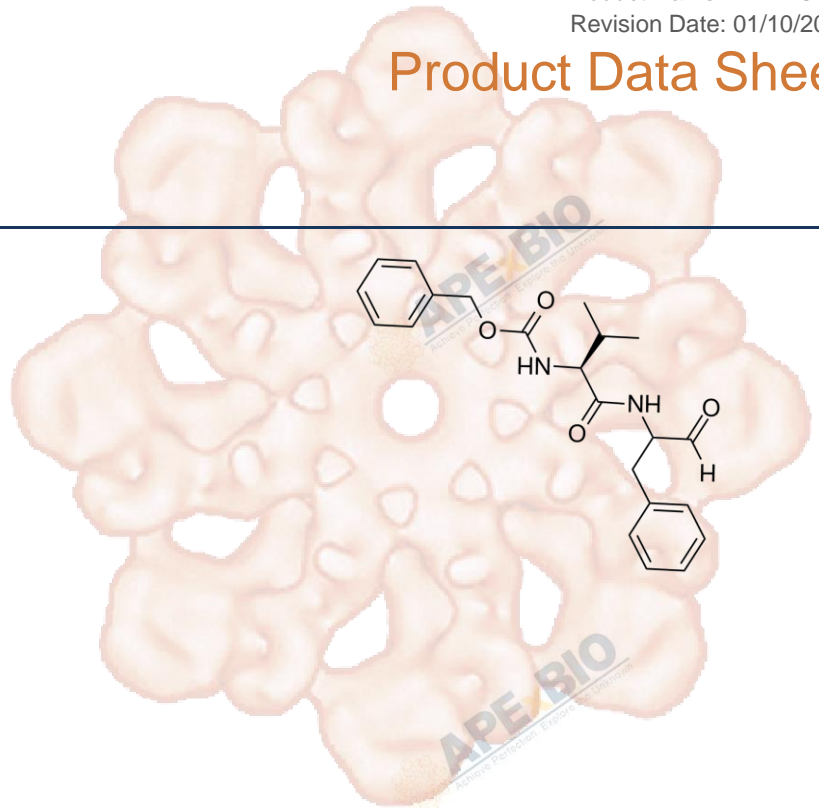


Product Data Sheet

MDL 28170

Cat. No.:	A4412
CAS No.:	88191-84-8
Formula:	C ₂₂ H ₂₆ N ₂ O ₄
M.Wt:	382.45
Synonyms:	
Target:	Proteases
Pathway:	Cathepsin
Storage:	Store at -20°C



Solvent & Solubility

insoluble in H₂O; ≥16.75 mg/mL in DMSO; ≥25.05 mg/mL in EtOH with ultrasonic

In Vitro

Preparing Stock Solutions	Solvent	Mass		
		1mg	5mg	10mg
	Concentration			
	1 mM	2.6147 mL	13.0736 mL	26.1472 mL
	5 mM	0.5229 mL	2.6147 mL	5.2294 mL
	10 mM	0.2615 mL	1.3074 mL	2.6147 mL

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

Biological Activity

Shortsummary Calpain and cathepsin B inhibitor, selective

IC₅₀ & Target 10nM (calpain), 25nM (cathepsin B)

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. Short-term 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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