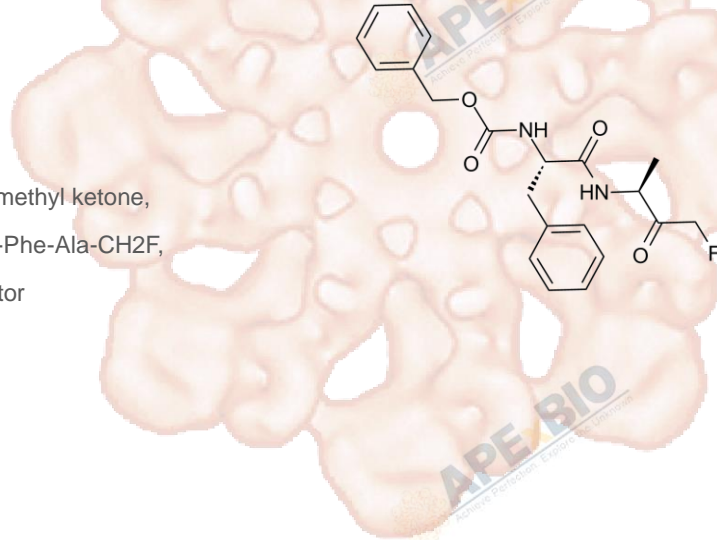


# Product Data Sheet

## Z-FA-FMK

**Cat. No.:** A8170  
**CAS No.:** 105637-38-5;197855-65-5  
**Formula:** C<sub>21</sub>H<sub>23</sub>N<sub>2</sub>O<sub>4</sub>F  
**M.Wt:** 386.42  
**Synonyms:** Z-FA-FMK, Z-Phe-Ala-fluoromethyl ketone, Z-Phe-Ala-FMK, Zfa-FMK, Z-Phe-Ala-CH<sub>2</sub>F, Cathepsin B, Caspase Inhibitor  
**Target:** Apoptosis  
**Pathway:** Caspase  
**Storage:** Store at -20°C



## Solvent & Solubility

insoluble in H<sub>2</sub>O; ≥13.45 mg/mL in DMSO; ≥3.57 mg/mL in EtOH with ultrasonic

In Vitro

Preparing Stock Solutions	Mass		1mg	5mg	10mg
	Solvent	Concentration			
		1 mM	2.5879 mL	12.9393 mL	25.8786 mL
		5 mM	0.5176 mL	2.5879 mL	5.1757 mL
		10 mM	0.2588 mL	1.2939 mL	2.5879 mL

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

## Biological Activity

Shortsummary

Cysteine proteases inhibitor

IC<sub>50</sub> & Target

In Vitro

### Cell Viability Assay

Preparation method:

In Vivo

### Animal experiment

Applications:

## Product Citations

See more customer validations on [www.apexbt.com](http://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 APExBIO 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.*

**APExBIO Technology**

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