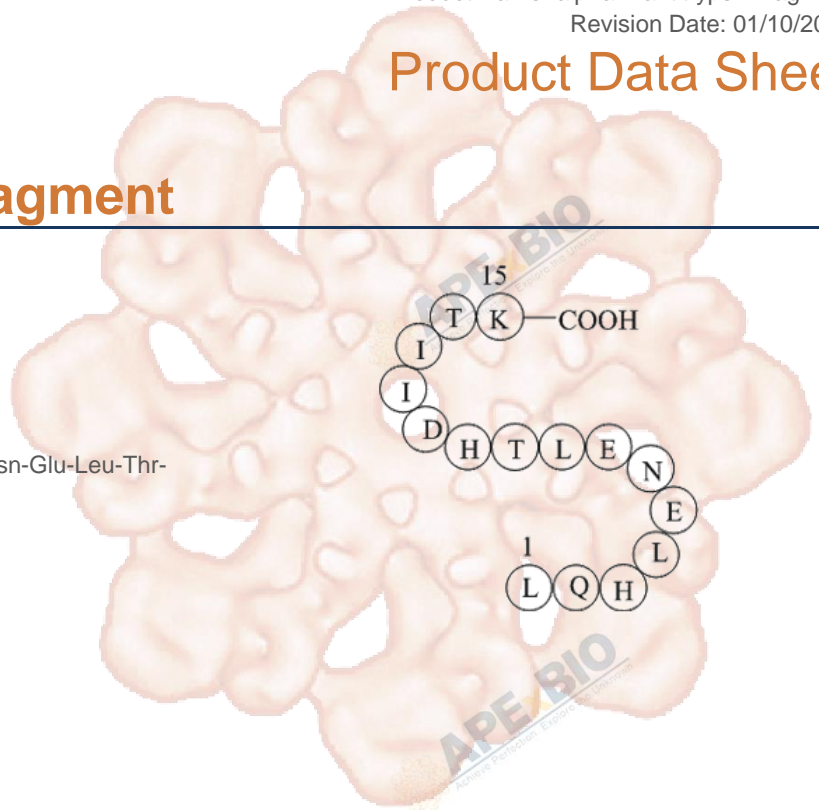


# Product Data Sheet

## alpha-1 antitrypsin fragment

**Cat. No.:** A1051  
**CAS No.:**  
**Formula:** C79H130N22O26  
**M.Wt:** 1804.01  
**Synonyms:** H2N-Leu-Gln-His-Leu-Glu-Asn-Glu-Leu-Thr-  
 His-Asp-Ile-Ile-Thr-Lys-OH  
**Target:** Immunology/Inflammation  
**Pathway:**  
**Storage:** Store at -20°C



### Solvent & Solubility

insoluble in EtOH; insoluble in H<sub>2</sub>O; ≥45.1 mg/mL in DMSO with gentle warming

In Vitro

Preparing Stock Solutions	Solvent		Mass		
	Concentration		1mg	5mg	10mg
	1 mM		0.5543 mL	2.7716 mL	5.5432 mL
	5 mM		0.1109 mL	0.5543 mL	1.1086 mL
	10 mM		0.0554 mL	0.2772 mL	0.5543 mL

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

### Biological Activity

Shortsummary

Protease 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. 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.*

**APExBIO Technology**

**[www.apexbt.com](http://www.apexbt.com)**

7505 Fannin street, Suite 410, Houston, TX 77054.

Tel: +1-832-696-8203 | Fax: +1-832-641-3177 | Email: [info@apexbt.com](mailto:info@apexbt.com)

