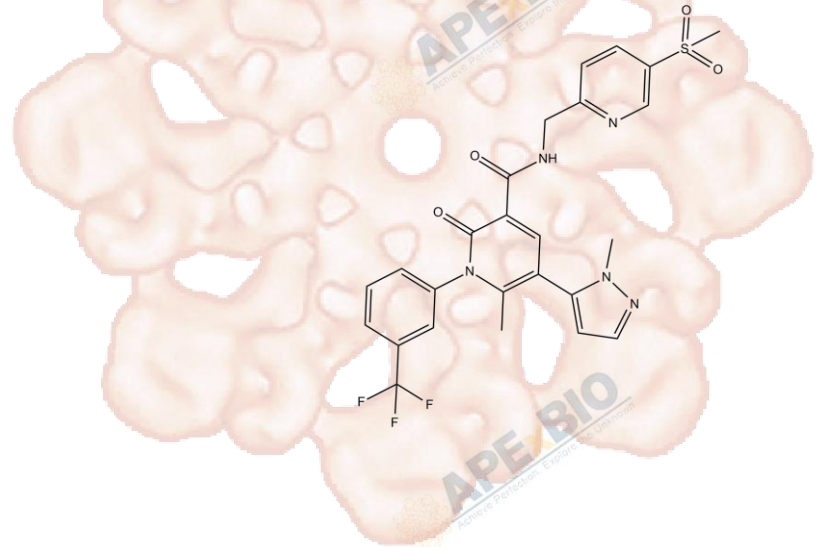


Product Data Sheet

Alvelestat

Cat. No.:	B1037
CAS No.:	848141-11-7
Formula:	C ₂₅ H ₂₂ F ₃ N ₅ O ₄ S
M.Wt:	545.53
Synonyms:	
Target:	Proteases
Pathway:	Elastase
Storage:	Store at -20°C



Solvent & Solubility

≥27.3 mg/mL in DMSO; insoluble in H₂O; insoluble in EtOH

In Vitro

Preparing Stock Solutions	Mass			
	Solvent Concentration	1mg	5mg	10mg
	1 mM	1.8331 mL	9.1654 mL	18.3308 mL
	5 mM	0.3666 mL	1.8331 mL	3.6662 mL
	10 mM	0.1833 mL	0.9165 mL	1.8331 mL

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

Biological Activity

Shortsummary

NE inhibitor

IC₅₀ & Target

(pIC₅₀=7.9, Ki=4.9 nM) (NE)

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 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.

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