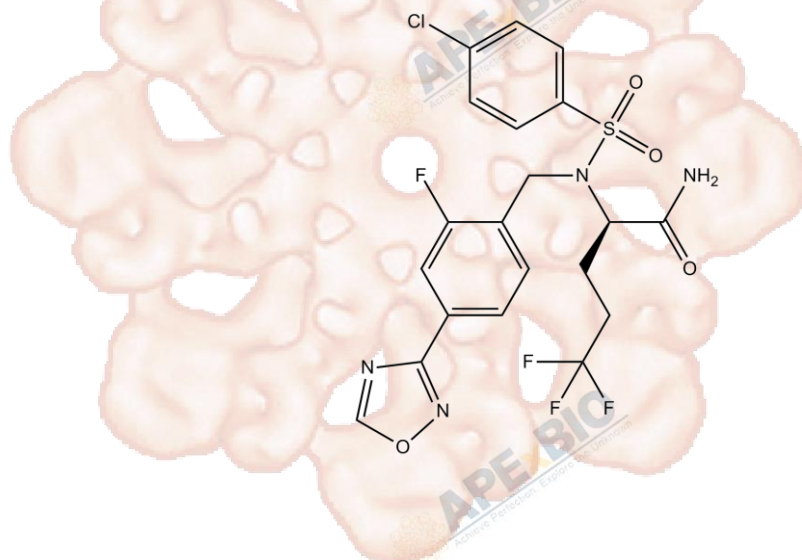


Product Data Sheet

BMS-708163 (Avagacestat)

Cat. No.:	A4022
CAS No.:	1146699-66-2
Formula:	C ₂₀ H ₁₇ ClF ₄ N ₄ O ₄ S
M.Wt:	520.88
Synonyms:	
Target:	Proteases
Pathway:	Gamma Secretase
Storage:	Store at -20°C



Solvent & Solubility

insoluble in H₂O; ≥ 177.6 mg/mL in DMSO; ≥ 47.6 mg/mL in EtOH with ultrasonic

In Vitro	Preparing Stock Solutions	Mass			
		Solvent Concentration	1mg	5mg	10mg
		1 mM	1.9198 mL	9.5991 mL	19.1983 mL
		5 mM	0.3840 mL	1.9198 mL	3.8397 mL
		10 mM	0.1920 mL	0.9599 mL	1.9198 mL

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

Biological Activity

Shortsummary

γ -secretase inhibitor

IC₅₀ & Target

0.3 nM (A β 40) (γ -secretase), 0.27 nM (A β 42) (γ -secretase)

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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