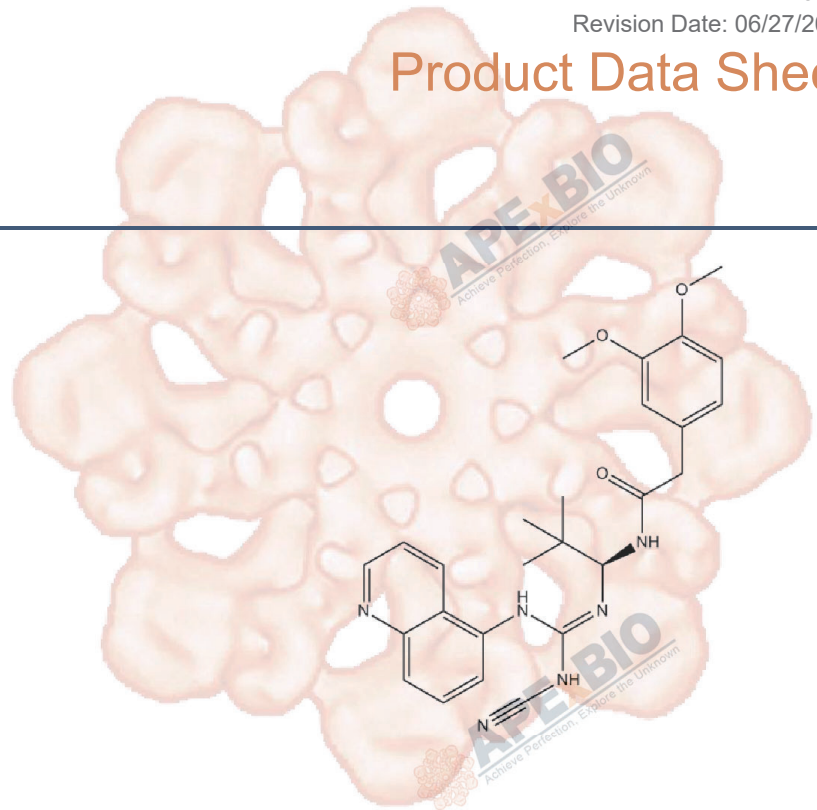


Product Data Sheet

A-740003

Cat. No.:	A3136
CAS No.:	861393-28-4
Formula:	C ₂₆ H ₃₀ N ₆ O ₃
M.Wt:	474.57
Synonyms:	A 740003;A740003
Target:	Neuroscience
Pathway:	P2X7 receptor
Storage:	Store at -20°C



Solvent & Solubility

≥23.73 mg/mL in DMSO; insoluble in H₂O; ≥2.48 mg/mL in EtOH with gentle warming and ultrasonic

In Vitro

Preparing Stock Solutions	Solvent	Mass		
		1mg	5mg	10mg
	Concentration			
	1 mM	2.1072 mL	10.5359 mL	21.0717 mL
	5 mM	0.4214 mL	2.1072 mL	4.2143 mL
	10 mM	0.2107 mL	1.0536 mL	2.1072 mL

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

Biological Activity

Shortsummary

P2X7 receptor antagonist

IC₅₀ & Target

18 nM (rat) 40 nM (human) (P2X7 receptor)

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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