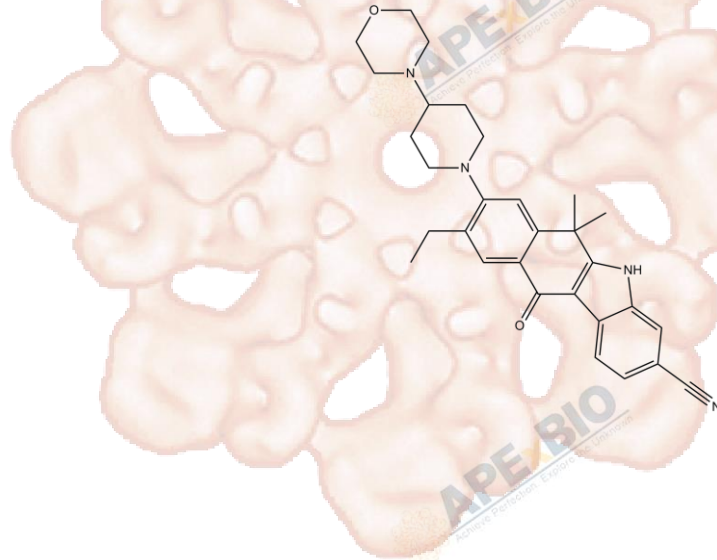


Product Data Sheet

CH5424802

Cat. No.:	A8393
CAS No.:	1256580-46-7
Formula:	C30H34N4O2
M.Wt:	482.62
Synonyms:	
Target:	Tyrosine Kinase
Pathway:	ALK
Storage:	Store at -20°C



Solvent & Solubility

insoluble in H₂O; ≥ 2.72 mg/mL in EtOH with gentle warming; ≥ 4.83 mg/mL in DMSO with gentle warming and ultrasonic

In Vitro

Preparing Stock Solutions	Solvent Concentration	Mass		
		1mg	5mg	10mg
	1 mM	2.0720 mL	10.3601 mL	20.7202 mL
	5 mM	0.4144 mL	2.0720 mL	4.1440 mL
	10 mM	0.2072 mL	1.0360 mL	2.0720 mL

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

Biological Activity

Shortsummary	ALK inhibitor, potent and ATP-competitive
IC ₅₀ & Target	1 nM (ALK (F1174L)), 1.9 nM (ALK), 3.5 nM (ALK (R1275Q)), 550 nM (INSR), 1.4 μ M (KDR)
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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