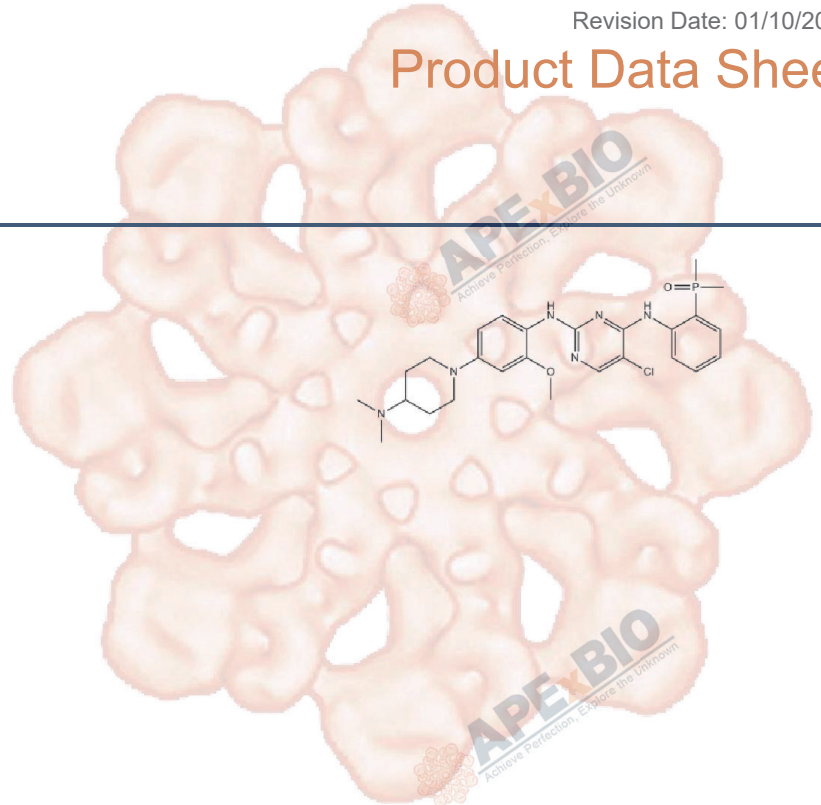


Product Data Sheet

ALK-IN-1

Cat. No.:	A1367
CAS No.:	1197958-12-5
Formula:	C ₂₆ H ₃₄ CIN ₆ O ₂ P
M.Wt:	529.01
Synonyms:	Brigatinib analog
Target:	JAK/STAT Signaling
Pathway:	EGFR
Storage:	Store at -20° C



Solvent & Solubility

≥26.45 mg/mL in DMSO; insoluble in H₂O; ≥55.9 mg/mL in EtOH

In Vitro

Preparing Stock Solutions	Solvent	Mass Concentration	Mass		
			1mg	5mg	10mg
		1 mM	1.8903 mL	9.4516 mL	18.9032 mL
		5 mM	0.3781 mL	1.8903 mL	3.7806 mL
		10 mM	0.1890 mL	0.9452 mL	1.8903 mL

Please refer to the solubility information to select the appropriate solvent

Biological Activity

Shortsummary	Anaplastic lymphoma kinase (ALK) inhibitor	
IC ₅₀ & Target	0.62 nM (ALK), 1.3 nM (FER), 1.9 nM (ROS/ROS1), 2.1 nM (FLT3), 3.4 nM (FES/FPS)	
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. Shortterm 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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