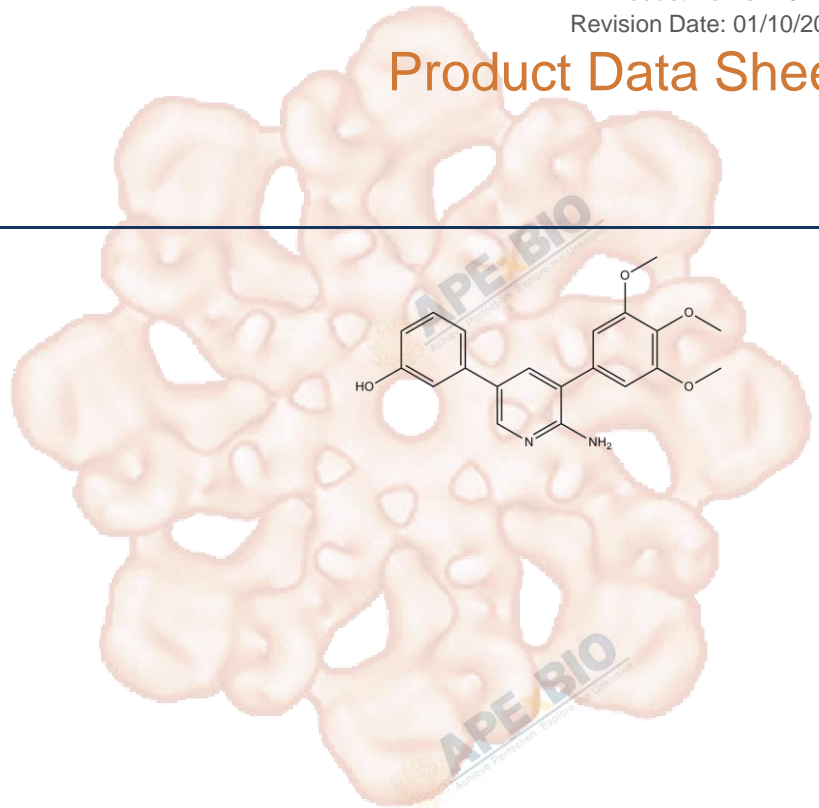


Product Data Sheet

K02288

Cat. No.:	B2286
CAS No.:	1431985-92-0
Formula:	C ₂₀ H ₂₀ N ₂ O ₄
M.Wt:	352.38
Synonyms:	
Target:	TGF-β / Smad Signaling
Pathway:	TGF-βR1(ALK5)
Storage:	Store at -20°C



Solvent & Solubility

insoluble in H₂O; ≥17.6 mg/mL in DMSO; ≥2.5 mg/mL in EtOH with gentle warming and ultrasonic

In Vitro

Preparing Stock Solutions	Solvent		Mass		
	Concentration		1mg	5mg	10mg
	1 mM		2.8378 mL	14.1892 mL	28.3785 mL
	5 mM		0.5676 mL	2.8378 mL	5.6757 mL
	10 mM		0.2838 mL	1.4189 mL	2.8378 mL

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

Biological Activity

Shortsummary

ALK inhibitor

IC₅₀ & Target

1.1 nM (ALK2), 1.8 nM (ALK1), 6.4 nM (ALK6), 34.4 nM (ALK3), 302 nM (ALK4), 321 nM (ALK5)

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 APEX BIO 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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