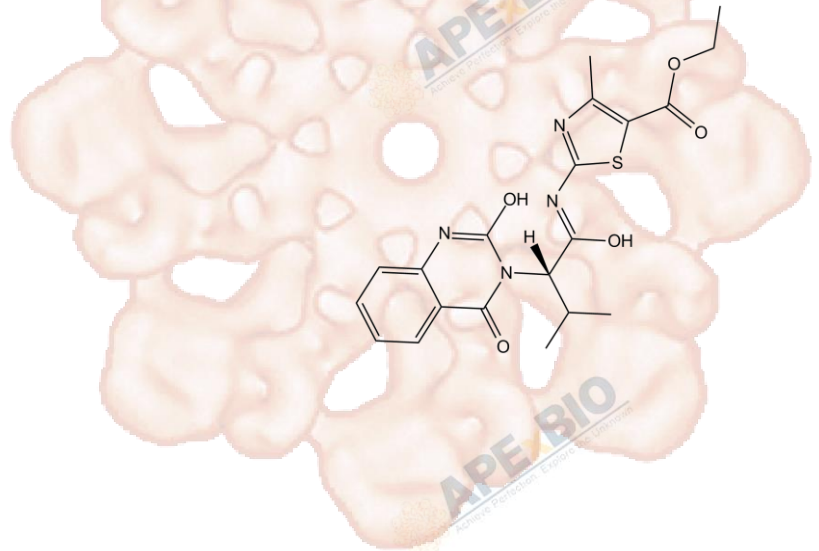


Product Data Sheet

Kif15-IN-1

Cat. No.:	B3280
CAS No.:	672926-32-8
Formula:	C ₂₀ H ₂₂ N ₄ O ₅ S
M.Wt:	430.48
Synonyms:	
Target:	Cell Cycle/Checkpoint
Pathway:	Kinesin
Storage:	Store at -20°C



Solvent & Solubility

insoluble in H₂O; insoluble in DMSO; ≥19.2 mg/mL in EtOH

In Vitro

Preparing Stock Solutions	Solvent	Mass		
		1mg	5mg	10mg
	Concentration			
	1 mM	2.3230 mL	11.6149 mL	23.2299 mL
	5 mM	0.4646 mL	2.3230 mL	4.6460 mL
	10 mM	0.2323 mL	1.1615 mL	2.3230 mL

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

Biological Activity

Shortsummary: potent Kif15 kinesin inhibitor

IC₅₀ & Target:

In Vitro

Cell Viability Assay

Preparation method:

In Vivo

Animal experiment

Applications:

Product Citations

1. Milic B, Chakraborty A, et al. "KIF15 nanomechanics and kinesin inhibitors, with implications for cancer chemotherapeutics." Proc Natl Acad Sci U S A. 2018 May 15;115(20):E4613-E4622.PMID:29703754

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. 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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