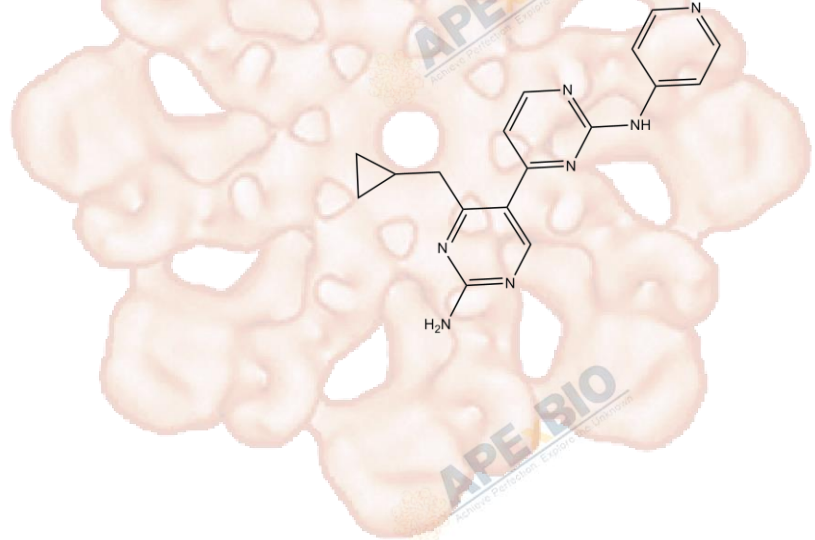


Product Data Sheet

PIK-III

Cat. No.:	B6160
CAS No.:	1383716-40-2
Formula:	C17H17N7
M.Wt:	319.36
Synonyms:	
Target:	Ubiquitination/ Proteasome
Pathway:	Autophagy
Storage:	Store at -20°C



Solvent & Solubility

≥31.9 mg/mL in DMSO; insoluble in H₂O; insoluble in EtOH

In Vitro

Preparing Stock Solutions	Mass			
	Solvent Concentration	1mg	5mg	10mg
	1 mM	3.1313 mL	15.6563 mL	31.3126 mL
	5 mM	0.6263 mL	3.1313 mL	6.2625 mL
	10 mM	0.3131 mL	1.5656 mL	3.1313 mL

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

Biological Activity

Shortsummary

VPS34 inhibitor and inhibits autophagy

IC₅₀ & Target

In Vitro

Cell Viability Assay

Preparation method:

In Vivo

Animal experiment

Applications:

Product Citations

1. Ge L, Zhang M, et al. "Remodeling of ER-exit sites initiates a membrane supply pathway for autophagosome biogenesis." EMBO Rep. 2017 Sep;18(9):1586-1603.PMID:28754694

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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