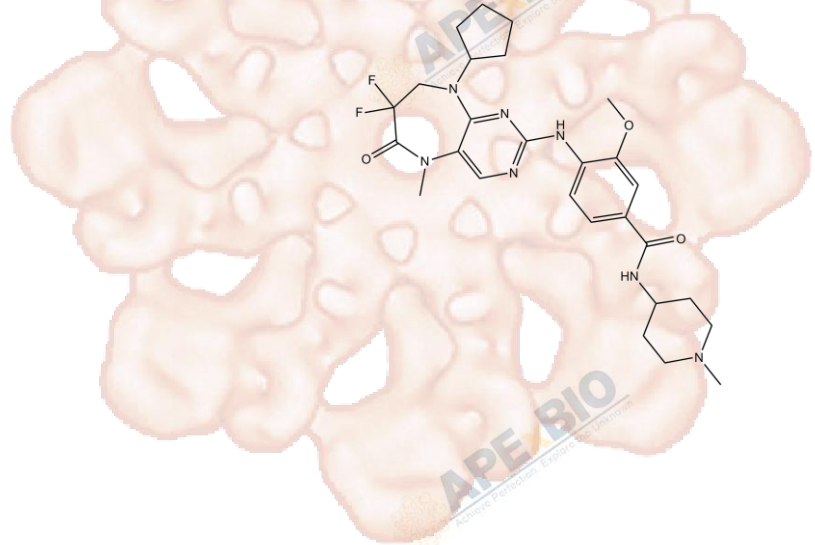


Product Data Sheet

Ro3280

Cat. No.:	A8681
CAS No.:	1062243-51-9
Formula:	C27H35F2N7O3
M.Wt:	543.61
Synonyms:	
Target:	Cell Cycle/Checkpoint
Pathway:	PLK
Storage:	Store at -20°C



Solvent & Solubility

≥27.2 mg/mL in DMSO; insoluble in H₂O; ≥24.75 mg/mL in EtOH

In Vitro

Preparing Stock Solutions	Solvent		Mass		
	Concentration		1mg	5mg	10mg
	1 mM		1.8396 mL	9.1978 mL	18.3955 mL
	5 mM		0.3679 mL	1.8396 mL	3.6791 mL
	10 mM		0.1840 mL	0.9198 mL	1.8396 mL

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

Biological Activity

Shortsummary PLK1 inhibitor, potent and highly selective

IC₅₀ & Target 3 nM (PLK1)

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. 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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