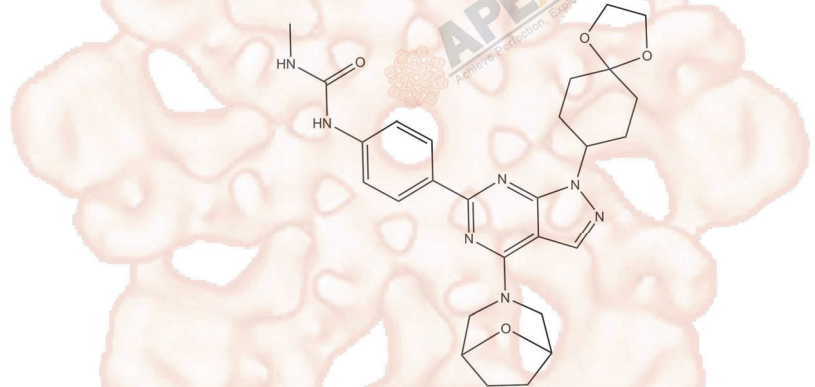


Product Data Sheet

WYE-125132 (WYE-132)

Cat. No.:	B1642
CAS No.:	1144068-46-1
Formula:	C ₂₇ H ₃₃ N ₇ O ₄
M.Wt:	519.61
Synonyms:	
Target:	PI3K/Akt/mTOR Signaling
Pathway:	mTOR
Storage:	Store at -20°C



Solvent & Solubility

≥ 13mg/mL in DMSO

In Vitro

Preparing Stock Solutions	Solvent		Mass		
	Concentration		1mg	5mg	10mg
	1 mM		1.9245 mL	9.6226 mL	19.2452 mL
	5 mM		0.3849 mL	1.9245 mL	3.8490 mL
	10 mM		0.1925 mL	0.9623 mL	1.9245 mL

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

Biological Activity

Shortsummary ATP-competitive mTOR inhibitor, highly potent

IC₅₀ & Target 0.19 nM (mTOR)

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.

APExBIO Technology

www.apexbt.com

7505 Fannin street, Suite 410, Houston, TX 77054.

Tel: +1-832-696-8203 | Fax: +1-832-641-3177 | Email: info@apexbt.com

