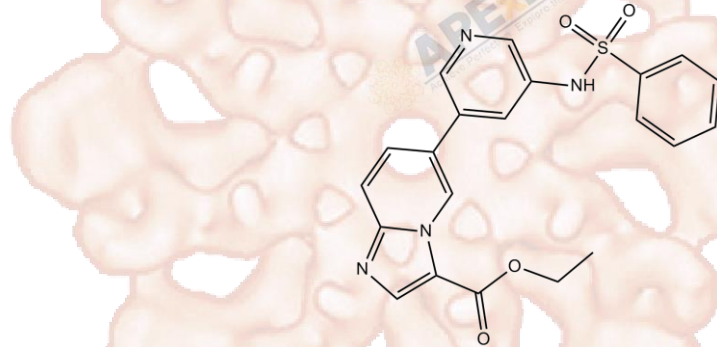


Product Data Sheet

HS-173

Cat. No.:	B4492
CAS No.:	1276110-06-5
Formula:	C ₂₁ H ₁₈ N ₄ O ₄ S
M.Wt:	422.46
Synonyms:	
Target:	PI3K/Akt/mTOR Signaling
Pathway:	PI3K
Storage:	Desiccate at -20°C



Solvent & Solubility

≥21.1 mg/mL in DMSO

In Vitro

Preparing Stock Solutions	Solvent	Mass Concentration	Mass		
			1mg	5mg	10mg
		1 mM	2.3671 mL	11.8354 mL	23.6709 mL
		5 mM	0.4734 mL	2.3671 mL	4.7342 mL
		10 mM	0.2367 mL	1.1835 mL	2.3671 mL

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

Biological Activity

Shortsummary

novel PI3K inhibitor

IC₅₀ & Target

0.8 nM (PI3Kα)

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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