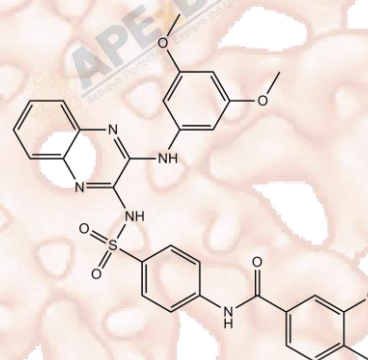


Product Data Sheet

SAR245409 (XL765)

Cat. No.:	A5634
CAS No.:	1349796-36-6
Formula:	C ₃₁ H ₂₉ N ₅ O ₆ S
M.Wt:	599.66
Synonyms:	
Target:	PI3K/Akt/mTOR Signaling
Pathway:	PI3K
Storage:	Store at -20°C



Solvent & Solubility

insoluble in H₂O; insoluble in EtOH; ≥15 mg/mL in DMSO

In Vitro

	Solvent	Mass Concentration	Mass		
			1mg	5mg	10mg
Preparing Stock Solutions		1 mM	1.6676 mL	8.3381 mL	16.6761 mL
		5 mM	0.3335 mL	1.6676 mL	3.3352 mL
		10 mM	0.1668 mL	0.8338 mL	1.6676 mL

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

Biological Activity

Shortsummary

mTOR/PI3K inhibitor

IC₅₀ & Target

9 nM (PI3K_γ), 39 nM (PI3K_α), 43 nM (PI3K_δ), 113 nM (PI3K_β), 150 nM (DNA-PK), 157 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 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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