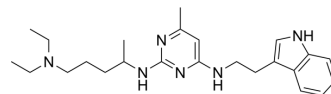


## AZA197

Cat. No.:	HY-116269
CAS No.:	1249398-09-1
Molecular Formula:	C <sub>24</sub> H <sub>36</sub> N <sub>6</sub>
Molecular Weight:	408.58
Target:	Ras; Apoptosis; PAK; ERK
Pathway:	GPCR/G Protein; Apoptosis; Cell Cycle/DNA Damage; Cytoskeleton; MAPK/ERK Pathway; Stem Cell/Wnt
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



## BIOLOGICAL ACTIVITY

### Description

AZA197 is a selective small molecule inhibitor of Cdc42. AZA197 suppresses colon cancer cell proliferation, cell migration, invasion and increases apoptosis by down-regulating the PAK1 and ERK signaling pathways in vitro. AZA197 reduces tumor growth and significantly increases mouse survival in SW620 tumor xenografts<sup>[1]</sup>.

## REFERENCES

[1]. Zins K, et al. Targeting Cdc42 with the small molecule drug AZA197 suppresses primary colon cancer growth and prolongs survival in a preclinical mouse xenograft model by downregulation of PAK1 activity. *J Transl Med.* 2013 Nov 27;11:295.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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