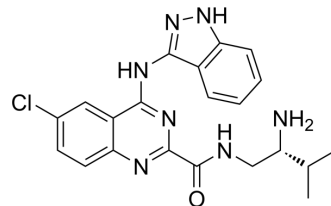


PAK4-IN-3

Cat. No.:	HY-156453
Molecular Formula:	C ₂₁ H ₂₂ ClN ₇ O
Molecular Weight:	423.9
Target:	PAK; Apoptosis
Pathway:	Cell Cycle/DNA Damage; Cytoskeleton; Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	PAK4-IN-3 (compound 27e) is a PAK4 inhibitor, with an IC ₅₀ of 10 nM. PAK4-IN-3 shows antiproliferative activity against A549 cells with an IC ₅₀ value of 0.61 μM, and induces apoptosis of A549 cells in a concentration-dependent manner and blocked the cell cycle at phase G ₀ /G ₁ ^[1] .
IC ₅₀ & Target	10 nM (PAK4) ^[1]

REFERENCES

[1]. Han W, et al. Design, synthesis and anticancer activity evaluation of 4-(3-1H-indazolyl)amino quinazolinone derivatives as PAK4 inhibitors [published online ahead of print, 2023 Oct 13]. *Bioorg Med Chem.* 2023;95:117501.

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

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