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Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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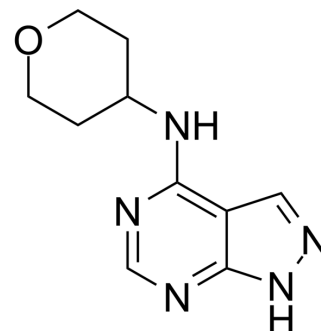
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ZINC194100678

Cat. No.:	HY-146783
CAS No.:	1995025-05-2
Molecular Formula:	C ₁₀ H ₁₃ N ₅ O
Molecular Weight:	219.24
Target:	PAK
Pathway:	Cell Cycle/DNA Damage; Cytoskeleton
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	ZINC194100678 is a potent PAK1 inhibitor with an IC ₅₀ value of 8.37 μM. ZINC194100678 can inhibit MDA-MB-231 cell proliferation. ZINC194100678 can be used for researching anticancer ^[1] .		
IC ₅₀ & Target	PAK1 8.37 μM (IC ₅₀)		
In Vitro	ZINC194100678 (0-50 μM; 48 hours) exhibits potent antiproliferative activity with an IC ₅₀ value of 40.16 μM ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.		
	Cell Proliferation Assay		
	Cell Line:	MDA-MB-231 ^[1]	
	Concentration:	0-50 μM	
	Incubation Time:	48 hours	
	Result:	Exhibited potent antiproliferative activity with an IC ₅₀ value of 40.16 μM.	

REFERENCES

[1]. Zhang J, et al. Design, synthesis and biological evaluation of 1H-pyrazolo [3,4-d]pyrimidine derivatives as PAK1 inhibitors that trigger apoptosis, ER stress and anti-migration effect in MDA-MB-231 cells. Eur J Med Chem. 2020;194:112220.

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

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