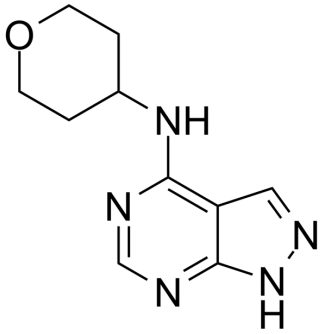
ZINC194100678

Cat. No.:	HY-146783
CAS No.:	1995025-05-2
Molecular Formula:	$C_{10}H_{13}N_5O$
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.

Tel: 609-228-6898 Fax: 609-228-5909 E-mail: tech@MedChemExpress.com
Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA