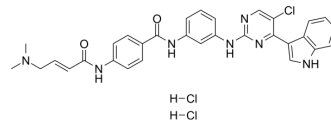


(E/Z)-THZ1 dihydrochloride

Cat. No.:	HY-80013B
CAS No.:	2095433-94-4
Molecular Formula:	C ₃₁ H ₃₀ Cl ₃ N ₇ O ₂
Molecular Weight:	638.97
Target:	CDK
Pathway:	Cell Cycle/DNA Damage
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

(E/Z)-THZ1 dihydrochloride is a selective inhibitor of CDK7 with an IC₅₀ of 3.2 nM. (E/Z)-THZ1 dihydrochloride has antiproliferative effect^{[1][2]}.

REFERENCES

- [1]. Kwiatkowski N, et al. Targeting transcription regulation in cancer with a covalent CDK7 inhibitor. *Nature*. 2014;511(7511):616-620.
- [2]. Nilson KA, et al. THZ1 Reveals Roles for Cdk7 in Co-transcriptional Capping and Pausing. *Mol Cell*. 2015;59(4):576-587.

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

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