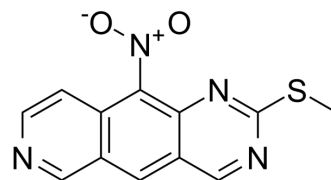


Haspin-IN-1

Cat. No.:	HY-146586
CAS No.:	2768474-30-0
Molecular Formula:	C ₁₂ H ₈ N ₄ O ₂ S
Molecular Weight:	272.28
Target:	Haspin Kinase; CDK; DYRK
Pathway:	Cell Cycle/DNA Damage; Protein Tyrosine Kinase/RTK
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Haspin-IN-1 (compound 2a) is a haspin inhibitor with an IC ₅₀ of 119 nM. Haspin-IN-1 also inhibits CLK1 and DYRK1A with IC ₅₀ s of 221 nM and 916.3 nM, respectively ^[1] .		
IC ₅₀ & Target	Haspin Kinase 119 nM (IC ₅₀)	CLK1 221 nM (IC ₅₀)	DYRK1A 916.3 nM (IC ₅₀)

REFERENCES

[1]. Wael Zeinyeh, et al. Synthesis and biological evaluation of Haspin inhibitors: Kinase inhibitory potency and cellular activity. Eur J Med Chem. 2022 Jun 5;236:114369.

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

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