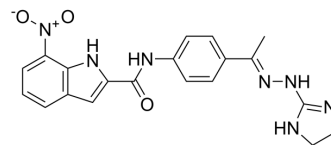


PV1115

Cat. No.:	HY-119699
CAS No.:	1093793-10-2
Molecular Formula:	C ₂₀ H ₁₉ N ₇ O ₃
Molecular Weight:	405.41
Target:	Checkpoint Kinase (Chk)
Pathway:	Cell Cycle/DNA Damage
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	PV1115 is a potent and highly selective Chk2 inhibitor with an IC ₅₀ of 0.14 nM, 66000 nM, >100000 nM for Chk2, Chk1 and RSK2, respectively. PV1115 is situated within the ATP-binding pocket of Chk2 ^[1] .
IC₅₀ & Target	IC ₅₀ : 0.14 nM (Chk2), 66000 nM (Chk1) and >100000 nM (RSK2) ^[1]

REFERENCES

[1]. George T Lountos, et al. Structural characterization of inhibitor complexes with checkpoint kinase 2 (Chk2), a drug target for cancer therapy. J Struct Biol. 2011 Dec; 176(3):292-301.

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

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