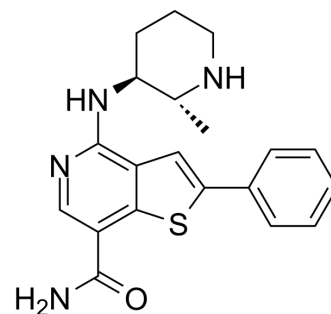


## CHK1-IN-2

Cat. No.:	HY-111369
CAS No.:	912367-45-4
Molecular Formula:	C <sub>20</sub> H <sub>22</sub> N <sub>4</sub> OS
Molecular Weight:	366.48
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	CHK1-IN-2 is a checkpoint kinase 1 (CHK1) inhibitor, with an IC <sub>50</sub> of 6 nM.
IC <sub>50</sub> & Target	Chk1 6 nM (IC <sub>50</sub> )
In Vitro	CHK1-IN-2 is a checkpoint kinase 1 (CHK1) inhibitor, with an IC <sub>50</sub> of 6 nM, which is a potential cancer therapeutic that can be utilized for enhancing the efficacy of DNA damaging agents <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

[1]. Yang B, et al. Adventures in Scaffold Morphing: Discovery of Fused Ring Heterocyclic Checkpoint Kinase 1 (CHK1) Inhibitors. J Med Chem. 2018 Feb 8;61(3):1061-1073.

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

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