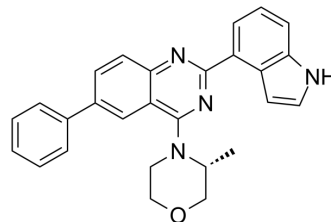


## ATR-IN-10

Cat. No.:	HY-144214
CAS No.:	2713577-93-4
Molecular Formula:	C <sub>27</sub> H <sub>24</sub> N <sub>4</sub> O
Molecular Weight:	420.51
Target:	ATM/ATR
Pathway:	Cell Cycle/DNA Damage; PI3K/Akt/mTOR
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



## BIOLOGICAL ACTIVITY

Description	ATR-IN-10 is a potent and highly selective inhibitor of ataxia telangiectasia mutated and Rad3-Related (ATR) kinase with an IC <sub>50</sub> value of 2.978 μM.
IC <sub>50</sub> & Target	ATR 2.978 μM (IC <sub>50</sub> )

## REFERENCES

[1]. Bin H, et al. Discovery of a potent and highly selective inhibitor of ataxia telangiectasia mutated and Rad3-Related (ATR) kinase: Structural activity relationship and antitumor activity both in vitro and in vivo. *Eur J Med Chem.* 2022 Feb 12;232:114187.

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

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