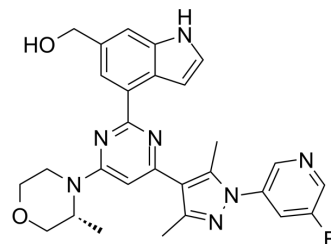


## ATR-IN-6

Cat. No.:	HY-142672
CAS No.:	2746446-99-9
Molecular Formula:	C <sub>28</sub> H <sub>28</sub> N <sub>7</sub> O <sub>2</sub>
Molecular Weight:	513.57
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-6 is a potent inhibitor of ATR. ATR is a class of protein kinases involved in genome stability and DNA damage repair, and is a member of the PIKK family. ATR-IN-6 has the potential for the research of ATR kinase-mediated diseases such as proliferative diseases and cancer (extracted from patent WO2021233376A1, compound A22)<sup>[1]</sup>.

## REFERENCES

[1]. Zhao, Yanping, et al. 2,4,6-Trisubstituted pyrimidine compounds as atr kinase inhibitors. Patent WO2021233376A1.

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

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