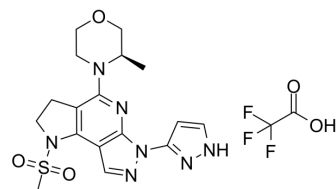


## ATR-IN-18

Cat. No.:	HY-147570
CAS No.:	2766407-55-8
Molecular Formula:	C <sub>19</sub> H <sub>22</sub> F <sub>3</sub> N <sub>7</sub> O <sub>5</sub> S
Molecular Weight:	517.48
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-18 (compound 2) is an orally active and potent ATR kinase inhibitor, with an IC <sub>50</sub> of 0.69 nM. ATR-IN-18 shows antiproliferative activity in LoVo cells, with an IC <sub>50</sub> of 37.34 nM. ATR-IN-18 has anti-tumor activity <sup>[1]</sup> .
IC <sub>50</sub> & Target	ATR 0.69 nM (IC <sub>50</sub> )

### REFERENCES

[1]. Xiaohui Liu, et al. Triheterocyclic derivative, and pharmaceutical composition and application thereof. WO2022078480A1.

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

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