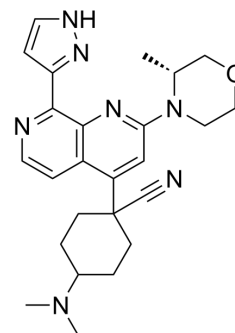


## ATR-IN-22

Cat. No.:	HY-153400
CAS No.:	2905312-07-2
Molecular Formula:	C <sub>25</sub> H <sub>31</sub> N <sub>7</sub> O
Molecular Weight:	445.56
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-22 (Compound 34) is an orally active ATR inhibitor. ATR-IN-22 inhibits MIA PaCa-2 proliferation (IC<sub>50</sub> <1 μM). ATR-IN-22 shows anti-tumor activity in colon cancer<sup>[1]</sup>.

## REFERENCES

[1]. Xie, Yuli, et al. Naphthyridine derivative as ATR inhibitor and method for preparing same. Patent. WO2023016529. 2023-02-16.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA