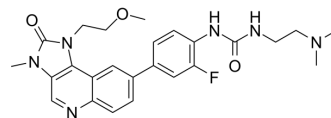


## ATM Inhibitor-3

<b>Cat. No.:</b>	HY-144686
<b>CAS No.:</b>	2769140-52-3
<b>Molecular Formula:</b>	C <sub>25</sub> H <sub>29</sub> FN <sub>6</sub> O <sub>3</sub>
<b>Molecular Weight:</b>	480.53
<b>Target:</b>	ATM/ATR; PI3K; mTOR
<b>Pathway:</b>	Cell Cycle/DNA Damage; PI3K/Akt/mTOR
<b>Storage:</b>	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

<b>Description</b>	ATM Inhibitor-3 (compound 34) is a potent and selective ATM inhibitor, with an IC <sub>50</sub> of 0.71 nM. ATM Inhibitor-3 shows inhibition of PI3K kinases family. ATM Inhibitor-3 exhibits favorable metabolic stability <sup>[1]</sup> .		
<b>IC<sub>50</sub> &amp; Target</b>	ATM 0.71 nM (IC <sub>50</sub> )	PI3K	mTOR

### REFERENCES

[1]. Dimitrov T, et al. Development of novel urea-based ATM kinase inhibitors with subnanomolar cellular potency and high kinome selectivity. Eur J Med Chem. 2022 May 5;235:114234.

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

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