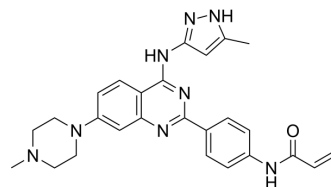


## Aurora Kinases-IN-4

Cat. No.:	HY-149354
CAS No.:	2877011-84-0
Molecular Formula:	C <sub>26</sub> H <sub>28</sub> N <sub>8</sub> O
Molecular Weight:	468.55
Target:	Aurora Kinase
Pathway:	Cell Cycle/DNA Damage; Epigenetics
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Aurora Kinases-IN-4 (Compound 11c) is a covalent and ATP competitive aurora kinase A inhibitor (IC<sub>50</sub>: 1.7 nM). Aurora Kinases-IN-4 inhibits cell proliferation in SJS-A-1, MDA-MB-231, A54, HeLa cells with IC<sub>50</sub>s of 4.27, 1.54, 3.08, 6.99 μM. Aurora Kinases-IN-4 can be used for research of triple negative breast cancer (TNBC)<sup>[1]</sup>.

### REFERENCES

[1]. Zhang B, et al. Discovery of a first-in-class Aurora A covalent inhibitor for the treatment of triple negative breast cancer. *Eur J Med Chem.* 2023 Aug 5;256:115457.

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

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