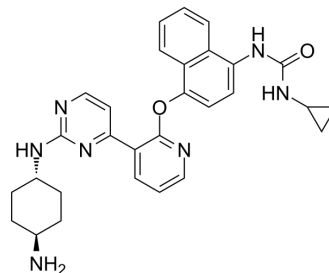


## IRE1 $\alpha$ kinase-IN-4

Cat. No.:	HY-145419
CAS No.:	2771006-45-0
Molecular Formula:	C <sub>29</sub> H <sub>31</sub> N <sub>7</sub> O <sub>2</sub>
Molecular Weight:	509.6
Target:	IRE1
Pathway:	Cell Cycle/DNA Damage
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	IRE1 $\alpha$ kinase-IN-4 (compound 6) is a potent IRE1 $\alpha$ inhibitor with an K <sub>i</sub> of 140 nM. IRE1 $\alpha$ kinase-IN-4 is the ATP-competitive ligands of IRE1 $\alpha$ <sup>[1]</sup> .
IC <sub>50</sub> & Target	K <sub>i</sub> : 140 nM (IRE1 $\alpha$ ) <sup>[1]</sup>

### REFERENCES

[1]. Feldman HC, et al. ATP-competitive partial antagonists of the IRE1 $\alpha$  RNase segregate outputs of the UPR. Nat Chem Biol. 2021 Nov;17(11):1148-1156.

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

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