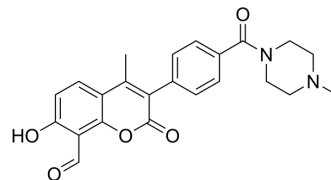


## IRE1 $\alpha$ kinase-IN-8

Cat. No.:	HY-153474
CAS No.:	1338933-29-1
Molecular Formula:	C <sub>23</sub> H <sub>22</sub> N <sub>2</sub> O <sub>5</sub>
Molecular Weight:	406.43
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-8, a benzoheterocyclecarboxaldehyde derivative, is a potent IRE-1 $\alpha$ inhibitor. IRE1 $\alpha$ kinase-IN-8 can be used for research in diseases associated with the unfolded protein response or with regulated IRE1-dependent decay (RIDD) <sup>[1]</sup> .
IC <sub>50</sub> & Target	IRE-1 $\alpha$ <sup>[1]</sup>

### REFERENCES

[1]. Zeng QP, et al. Benzoheterocyclecarboxaldehyde derivatives as IRE-1 $\alpha$  inhibitors and their preparation and use for the treatment of diseases. World Intellectual Property Organization, WO2011127070 A2. 2011-10-13.

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

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