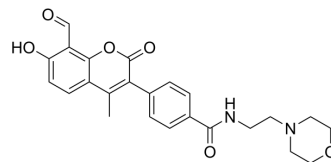


IRE1 α kinase-IN-9

Cat. No.:	HY-153475
CAS No.:	1338933-30-4
Molecular Formula:	C ₂₄ H ₂₄ N ₂ O ₆
Molecular Weight:	436.46
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 α kinase-IN-9 (compound 2) is a potent IRE-1 α inhibitor which exhibits an average IC ₅₀ value of <0.1 μ M. IRE1 α kinase-IN-9 can be used for research in diseases associated with the unfolded protein response or with regulated IRE1-dependent decay (RIDD) ^[1] .
IC ₅₀ & Target	IC ₅₀ : <0.1 μ M (IRE1 α) ^[1]

REFERENCES

[1]. Zeng Q, et al. Benzoheterocyclecarboxaldehyde derivatives as IRE-1 α 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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