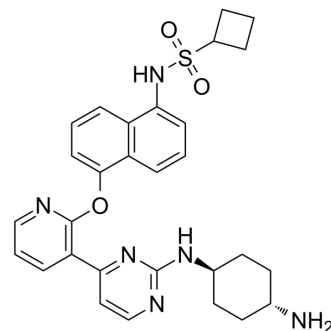


IRE1 α kinase-IN-3

Cat. No.:	HY-145418
CAS No.:	2416223-41-9
Molecular Formula:	C ₂₉ H ₃₂ N ₆ O ₃ S
Molecular Weight:	544.67
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-3 (compound 2) is a potent IRE1 α inhibitor with an K _i of 480 nM. IRE1 α kinase-IN-3 is the ATP-competitive ligands of IRE1 α ^[1] .
IC ₅₀ & Target	K _i : 480 nM (IRE1 α) ^[1]

REFERENCES

[1]. Feldman HC, et al. ATP-competitive partial antagonists of the IRE1 α 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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