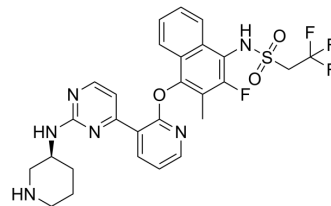


PAIR2

Cat. No.:	HY-145425
CAS No.:	2771006-54-1
Molecular Formula:	C ₂₇ H ₂₆ F ₄ N ₆ O ₃ S
Molecular Weight:	590.59
Target:	IRE1
Pathway:	Cell Cycle/DNA Damage
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

PAIR2 is a potent and selective partial antagonist of IRE1 α RNase. PAIR2 can completely occupy IRE1 α 's ATP-binding site in cells and block the ability of a potent KIRA to inhibit XBP1 splicing^[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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