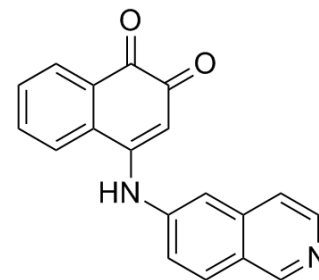


YZ129

Cat. No.:	HY-114413
CAS No.:	1643120-60-8
Molecular Formula:	C ₁₉ H ₁₂ N ₂ O ₂
Molecular Weight:	300.31
Target:	HSP
Pathway:	Cell Cycle/DNA Damage; Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the COA.



BIOLOGICAL ACTIVITY

Description

YZ129 is an inhibitor of the HSP90-calcineurin-NFAT pathway against glioblastoma, directly binding to **heat shock protein 90 (HSP90)** with an IC₅₀ of 820 nM on NFAT nuclear translocation. YZ129-induced GBM cell-cycle arrest at the G2/M phase promotes apoptosis and inhibited tumor cell proliferation and migration^[1].

IC₅₀ & Target

HSP90

REFERENCES

[1]. Liu Z, et al. Discovery of Small-Molecule Inhibitors of the HSP90-Calcineurin-NFAT Pathway against Glioblastoma. *Cell Chem Biol.* 2018 Nov 30. pii: S2451-9456(18)30431-8.

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

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