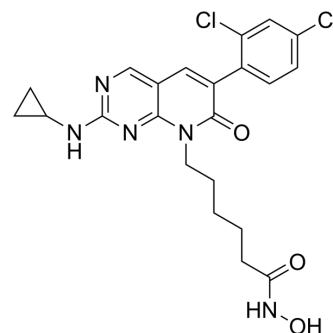


ZMF-23

Cat. No.:	HY-155179
Molecular Formula:	C ₂₂ H ₂₃ Cl ₂ N ₅ O ₃
Molecular Weight:	476.36
Target:	PAK; HDAC
Pathway:	Cell Cycle/DNA Damage; Cytoskeleton; Epigenetics
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	ZMF-23 is a PAK1/HDAC6 dual inhibitor. ZMF-23 inhibits PAK1 and HDAC6 regulated aerobic glycolysis and migration. ZMF-23 induces TNF- α -regulated necroptosis, and further enhances apoptosis. ZMF-23 inhibits the Warburg effect and cell migration. ZMF-23 can be used for research of triple-negative breast cancer (TNBC) ^[1] .
IC ₅₀ & Target	HDAC6 ^[1]

REFERENCES

[1]. Zhang J, et al. ZMF-23 that triggers tubulin-stathmin regulated cell death in triple negative breast cancer. *Int J Biol Macromol.* 2023 Aug 14;251:126348.

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

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