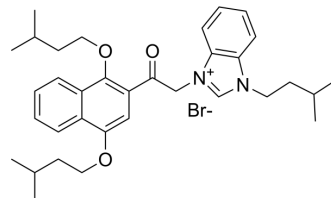


MHJ-627

Cat. No.:	HY-149412
Molecular Formula:	C ₃₄ H ₄₅ BrN ₂ O ₃
Molecular Weight:	609.64
Target:	ERK
Pathway:	MAPK/ERK Pathway; Stem Cell/Wnt
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	MHJ-627 is a potent ERK5 (MAPK7) inhibitor (IC ₅₀ : 0.91 μM). MHJ-627 promotes the mRNA expression of tumor suppressors and anti-metastatic genes, and promotes cancer cell death ^[1] .
IC ₅₀ & Target	ERK5

REFERENCES

[1]. Hwang J, et al. Identification of a Novel ERK5 (MAPK7) Inhibitor, MHJ-627, and Verification of Its Potent Anticancer Efficacy in Cervical Cancer HeLa Cells. *Curr Issues Mol Biol.* 2023 Jul 24;45(7):6154-6169.

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

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