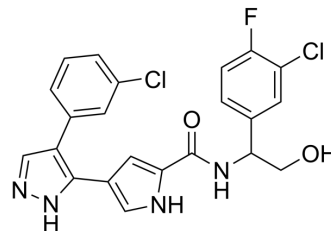


ERK2-IN-4

Cat. No.:	HY-121280
CAS No.:	933786-58-4
Molecular Formula:	C ₂₂ H ₁₇ Cl ₂ FN ₄ O ₂
Molecular Weight:	459.3
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	ERK2-IN-4 (Compound 6o) is an effective and selective ERK2 inhibitor with a K _i of 0.006 μM. ERK2-IN-4 inhibits the ERK signaling pathway and can be used in cancer research ^[1] .
IC ₅₀ & Target	ERK2 0.006 μM (K _i)

REFERENCES

[1]. Aronov, Alex M et al. "Flipped out: structure-guided design of selective pyrazolopyrrole ERK inhibitors." Journal of medicinal chemistry vol. 50,6 (2007): 1280-7.

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

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