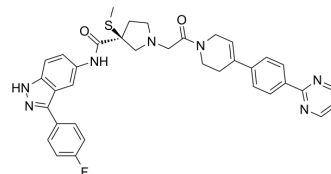


ERK2 IN-1

Cat. No.:	HY-112300
CAS No.:	1093061-47-2
Molecular Formula:	C ₃₆ H ₃₄ FN ₇ O ₂ S
Molecular Weight:	647.76
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-1 is a selective ERK2 inhibitor with an IC ₅₀ of 7 nM ^[1] .
IC ₅₀ & Target	ERK2 7 nM (IC ₅₀)
In Vitro	ERK1/2 IN-1 (Compound 28) maintains good ERK enzymatic activity (ERK IC ₅₀ =7 nM) and cellular activity in BRAF/KRAS mutant wildtype cancer cell lines (HT-29/Caspase IC ₅₀ =118/80 nM) ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Boga SB, Discovery of 3(S)-thiomethyl pyrrolidine ERK inhibitors for oncology. Bioorg Med Chem Lett. 2018 Jun 15;28(11):2029-2034.

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

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