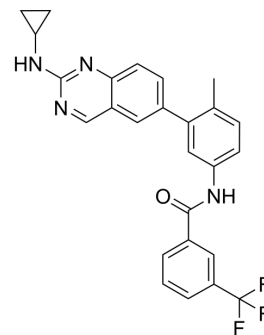


ERK2-IN-3

Cat. No.:	HY-18849
CAS No.:	1415050-57-5
Molecular Formula:	C ₂₆ H ₂₁ F ₃ N ₄ O
Molecular Weight:	462.47
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-3 (compound 2) is a inhibitor of ERK2, and inhibits Erk2 ^{WT} and Erk2 ^{DS1} activation loop phosphorylation, with IC ₅₀ of 5 μM and 42 nM, respectively ^[1] .
IC ₅₀ & Target	5 μM and 42 nM Erk2 ^{WT} and Erk2 ^{DS1} ^[1] .

REFERENCES

[1]. Hari SB, et al. Conformation-selective ATP-competitive inhibitors control regulatory interactions and noncatalytic functions of mitogen-activated protein kinases. Chem Biol. 2014;21(5):628-635.

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

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