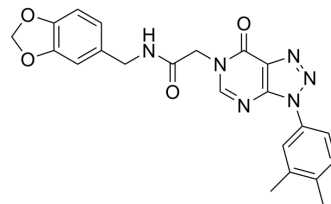


ERK2 allosteric-IN-1

Cat. No.:	HY-161363
CAS No.:	872591-16-7
Molecular Formula:	C ₂₂ H ₂₀ N ₆ O ₄
Molecular Weight:	432.43
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 allosteric-IN-1 (compound 1) is a selective and allosteric ERK2 inhibitor with the IC ₅₀ of 11 μM ^[1] .
IC ₅₀ & Target	ERK2 11 μM (IC ₅₀)

REFERENCES

[1]. Sugiyama H, et al. Low entropic cost of binding confers high selectivity on an allosteric ERK2 inhibitor. *Bioorg Med Chem Lett.* 2023;93:129431.

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

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