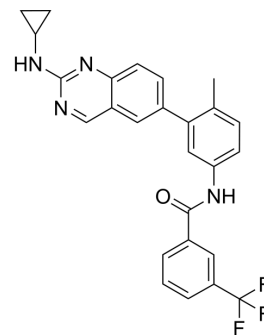


## ERK2-IN-3

Cat. No.:	HY-18849
CAS No.:	1415050-57-5
Molecular Formula:	C <sub>26</sub> H <sub>21</sub> F <sub>3</sub> N <sub>4</sub> 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 <sup>WT</sup> and Erk2 <sup>DS1</sup> activation loop phosphorylation, with IC <sub>50</sub> of 5 μM and 42 nM, respectively <sup>[1]</sup> .
IC <sub>50</sub> & Target	5 μM and 42 nM Erk2 <sup>WT</sup> and Erk2 <sup>DS1</sup> <sup>[1]</sup> .

## 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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