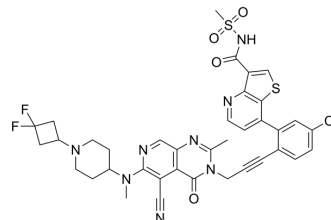


## eIF4E-IN-2

<b>Cat. No.:</b>	HY-145262
<b>CAS No.:</b>	2575840-38-7
<b>Molecular Formula:</b>	C <sub>37</sub> H <sub>33</sub> ClF <sub>2</sub> N <sub>8</sub> O <sub>4</sub> S <sub>2</sub>
<b>Molecular Weight:</b>	791.29
<b>Target:</b>	Eukaryotic Initiation Factor (eIF)
<b>Pathway:</b>	Cell Cycle/DNA Damage
<b>Storage:</b>	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

<b>Description</b>	eIF4E-IN-2 is a potent inhibitor of eukaryotic initiation factor 4e (eIF4e). eIF4E-IN-2 has the potential for researching eIF4e dependent diseases, including the research of cancer (extracted from patent WO2021003157A1, compound 1188) <sup>[1]</sup> . eIF4E-IN-2 is a click chemistry reagent, it contains an Alkyne group and can undergo copper-catalyzed azide-alkyne cycloaddition (CuAAC) with molecules containing Azide groups.
<b>IC<sub>50</sub> &amp; Target</b>	eIF4

### REFERENCES

[1]. Samuel Sperry, et al. Eif4e-inhibiting 4-oxo-3,4-dihydropyrido[3,4-d]pyrimidine compounds. Patent WO2021003157A1.

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

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