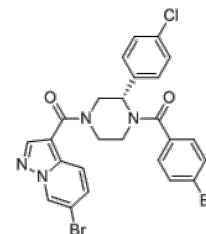


Product Name : eIF4A3-IN-2
Cat. No. : PC-62424
CAS No. : 2095677-20-4
Molecular Formula : C₂₅H₁₉Br₂ClN₄O₂
Molecular Weight : 602.711
Target : Eukaryotic Initiation Factor (eIF)
Solubility : 10 mM in DMSO



Biological Activity

eIF4A3-IN-2 is an allosteric, selective, non-competitive **eIF4A3** inhibitor with IC₅₀ of 0.11 uM, exhibits noncompetitive inhibition with ATP or RNA and high selectivity for eIF4A3 over other helicases.

eIF4A3-IN-2 suppresses the helicase activity of eIF4A3 in an ATPase-dependent manner.

eIF4A3-IN-2 targets the exon junction complex (EJC) and suppresses nonsense-mediated mRNA decay.

References

Iwatani-Yoshihara M, et al. *ACS Chem Biol.* 2017 Jul 21;12(7):1760-1768.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

E-mail: tech@probechem.com