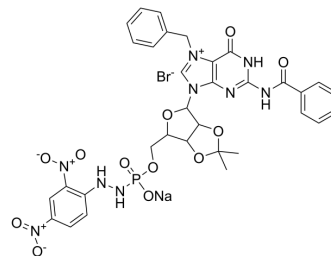


eIF4E-IN-6

Cat. No.:	HY-155337
Molecular Formula:	C ₃₃ H ₃₂ BrN ₉ NaO ₁₂ P
Molecular Weight:	880.53
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	eIF4E-IN-6 (compound 4b) is a GMP analogs synthesized to target eIF4E and restrain its binding to cap mRNA. eIF4E-IN-6 shows cell cytotoxicity against Caco-2, HepG-2, and MCF-7 cells, with IC ₅₀ values of 31, 27, and 21 μM, respectively ^[1] .
IC ₅₀ & Target	31, 27, and 21 μM (Caco-2, HepG-2, and MCF-7) ^[1]

REFERENCES

[1]. Attia RT, et al. Newly Synthesized Anticancer Purine Derivatives Inhibiting p-eIF4E Using Surface-Modified Lipid Nanovesicles. ACS Omega. 2023;8(41):37864-37881. Published 2023 Oct 6.

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

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