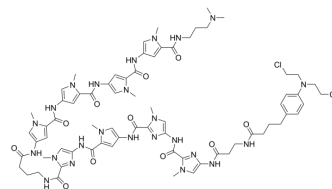


RUNX-IN-2

Cat. No.:	HY-155991
CAS No.:	2893777-88-1
Molecular Formula:	C ₇₁ H ₈₈ Cl ₂ N ₂₄ O ₁₁
Molecular Weight:	1524.52
Target:	Apoptosis
Pathway:	Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	RUNX-IN-2 (Compound Conjugate 3) covalently binds to the RUNX-binding sequences, and inhibits the binding of RUNX proteins to their target sites. RUNX-IN-2 induces the p53-dependent apoptosis and inhibits cancer cell growth. RUNX-IN-2 inhibits tumor growth in PANC-1 xenograft mice. RUNX-IN-2 has high alkylation efficiency and specificity ^[1] .
IC ₅₀ & Target	RUNX ^[1]

REFERENCES

[1]. Hirose Y, et al. Anticancer Activities of DNA-Alkylating Pyrrole-Imidazole Polyamide Analogs Targeting RUNX Transcription Factors against p53-Mutated Pancreatic Cancer PANC-1 Cells. *J Med Chem.* 2023 Sep 14;66(17):12059-12068.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA