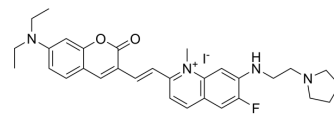


pan-KRAS-IN-5

Cat. No.:	HY-163299
CAS No.:	3027172-23-9
Molecular Formula:	C ₃₁ H ₃₆ FIN ₄ O ₂
Molecular Weight:	642.55
Target:	Ras; Apoptosis
Pathway:	GPCR/G Protein; MAPK/ERK Pathway; Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

pan-KRAS-IN-5 (compound 15a) is a pan-KRAS translation inhibitor by targeting 5'-UTR RNA G-quadruplexes (rG4s). pan-KRAS-IN-5 induces cell cycle arrest and prompts apoptosis in KRAS-driven cancer cells^[1].

REFERENCES

[1]. Mao-Lin Li, et al. Discovery of Novel Coumarin-quinolinium Derivatives as Pan-KRAS Translation Inhibitors by Targeting 5'-UTR RNA G-Quadruplexes. *J Med Chem.* 2024 Feb 8;67(3):1961-1981.

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

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