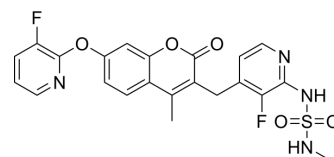


NST-628

Cat. No.:	HY-158115
CAS No.:	3002056-30-3
Molecular Formula:	C ₂₂ H ₁₈ F ₂ N ₄ O ₅ S
Molecular Weight:	488.46
Target:	Molecular Glues; Raf; MEK
Pathway:	PROTAC; MAPK/ERK Pathway
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

NST-628 is a brain-permeable MAPK pathway molecule glue that inhibits RAF phosphorylation and MEK activation. NST-628 also binds RAF and prevents the formation of BRAF-CRAF and BRAF-ARAF heterodimers, effectively inhibiting the RAS-MAPK pathway. NST-628 inhibits RAS- and RAF-driven cancers and demonstrated potent inhibition in mutant KRAS, NRAS, BRAF class II/III, and NF1-mutant tumors^[1].

REFERENCES

[1]. Ryan M B, et al. Abstract ND10: NST-628 is a novel, potent, fully brain-penetrant MAPK pathway molecular glue that inhibits RAS-and RAF-driven cancers[J]. Cancer Research, 2024, 84(7_Supplement): ND10-ND10.

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

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