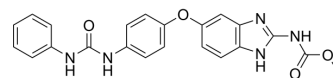


GW694590A

Cat. No.:	HY-160689
CAS No.:	948313-24-4
Molecular Formula:	C ₂₂ H ₁₉ N ₅ O ₄
Molecular Weight:	417.42
Target:	c-Myc; c-Kit; Discoidin Domain Receptor; PDGFR
Pathway:	Apoptosis; Protein Tyrosine Kinase/RTK
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	GW694590A (UNC10112731) is a MYC protein stabilizer that increases endogenous MYC protein levels. GW694590A also targets receptor tyrosine kinases, inhibiting DDR2, KIT and PDGFR α by 81% at 1 μ M. , 68% and 67%. GW694590A is a protein kinase inhibitor across ATP-dependent and -independent luciferases with potential effects on the Fluc reporter gene ^[1] .
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REFERENCES

[1]. Blake DR, et al. Application of a MYC degradation screen identifies sensitivity to CDK9 inhibitors in KRAS-mutant pancreatic cancer. *Sci Signal*. 2019 Jul 16;12(590):eaav7259.

[2]. Dranchak P, et al. Profile of the GSK published protein kinase inhibitor set across ATP-dependent and-independent luciferases: implications for reporter-gene assays. *PLoS One*. 2013;8(3):e57888.

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

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