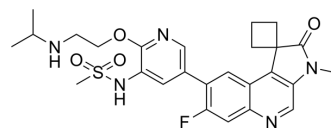


XRD-0394

Cat. No.:	HY-162472
CAS No.:	2595308-10-2
Molecular Formula:	C ₂₆ H ₃₀ FN ₅ O ₄ S
Molecular Weight:	527.61
Target:	ATM/ATR; DNA-PK
Pathway:	Cell Cycle/DNA Damage; PI3K/Akt/mTOR
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

XRD-0394 is a potent and specific dual inhibitor of ATM and DNA-PKcs with oral activity. XRD-0394 significantly enhances tumor cell killing in vitro and in vivo under therapeutic ionizing radiation conditions. In addition, XRD-0394 can potentiate the effects of PARP and topoisomerase I inhibitors in vitro^[1].

REFERENCES

[1]. Gilmer T M, et al. A novel dual ATM/DNA-PK inhibitor, XRD-0394, potently radiosensitizes and potentiates PARP and topoisomerase I inhibitors[J]. Molecular Cancer Therapeutics, 2024.

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

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