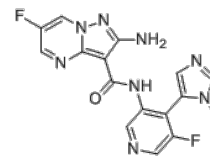


Product Name : Tuvusertib
Cat. No. : PC-21858
CAS No. : 1613200-51-3
Molecular Formula : C₁₆H₁₂F₂N₈O
Molecular Weight : 370.32
Target : ATM/ATR
Solubility : 10 mM in DMSO



CAS: 1613200-51-3

Biological Activity

Tuvusertib (M1774) is a potent, selective, orally bioavailable ATR protein kinase inhibitor, shows anticancer activity against cancer cell with expression the ATR inhibition sensitizing mixed lineage leukemia fusion protein.

Tuvusertib (M1774) shows antitumor activity as monotherapy in preclinical models with DDR pathway gene mutations, including an ATM mut nonsmall-cell lung cancer (NSCLC) xenograft model and an ARID1A mut gastric cancer xenograft model.

Tuvusertib (M1774) also shows antitumor activity as monotherapy and in combination with the PARP inhibitor niraparib in xenograft models of BRCA mut high-grade serous ovarian cancer.

References

Timothy A. Yap, et al. Journal of Clinical Oncology
Volume 39, Number 15_suppl. May 28, 2021

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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