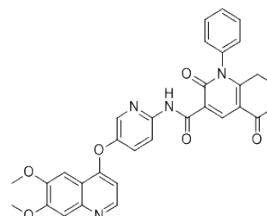


Data Sheet

WWW.UREIKO-CHEM.COM

Global Supplier of Chemical Probes, Inhibitors & Agonists

Product Name :ONO-7475
Cat.No. :URK-V618
CAS No. :1646839-59-9
Molecular Formula :C₃₂H₂₆N₄O₆
Molecular Weight :562.582
Target :
Solubility :



Biological Activity

ONO-7475 (ONO7475) is a potent inhibitor of the TAM receptor tyrosine kinase family (Axl IC₅₀=0.7 nM), inhibits the phosphorylation of AXL and Mer, suppresses the growth of AML with FLT3 mutations.

ONO-7475 sensitizes AXL-expressing EGFR-mutant NSCLC cells to the EGFR-TKIs osimertinib and dacomitinib.

ONO-7475 suppresses the emergence and maintenance of EGFR-TKI-tolerant cells, suppresses the phosphorylation of AKT, p70S6K, ERK, as well as EGFR. Combination therapy of ONO-7475 and osimertinib delays regrowth of cell line-derived xenograft tumors.

Osimertinib-acquired resistant cells are insensitive to combined therapy with osimertinib and ONO-7475.

References

1. Okura N, et al. Clin Cancer Res. 2020 May 1;26(9):2244-2256.
2. Ruvolo PP, et al. Haematologica. 2017 Dec;102(12):2048-2057.

Note: All products of Ureiko are only used for scientific research or drug certificate declaration, we do not provide products and services for any personal use!

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

JACK@UREIKO-CHEM.COM