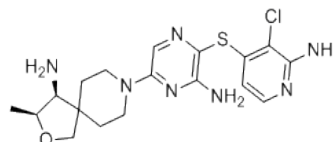


Data Sheet

WWW.UREIKO-CHEM.COM

Global Supplier of Chemical Probes, Inhibitors & Agonists

Product Name :TNO155
Cat.No. :URK-V621
CAS No. :1801765-04-7
Molecular Formula :C₁₈H₂₄ClN₇OS
Molecular Weight :421.948
Target :
Solubility :



Biological Activity

Batoprotafib (TNO155) is a highly potent, selective, orally active, and allosteric SHP2 (PTPN11) inhibitor with IC₅₀ of 11 nM.

TNO155 is efficacious in acquired resistance models of EGFRi and demonstrates combination benefits with EGFR inhibitors, inhibits EGFR-mutant NSCLC cell lines NCI-H3255, HCC827, and PC9 with IC₅₀ of <1.5 uM.

TNO155 also sensitizes BRAF-mutant colorectal cancer to inhibitors of BRAF and MEK, and enhances the efficacy of KRASG12C inhibitors against KRASG12C lung and colorectal cancers.

Ribociclib enhances the efficacy of TNO155 in both RTK-activated and KRAS-mutant cancers.

TNO155 inhibits immune-suppressive macrophages and synergizes with PD1 blockade.

References

1. LaMarche MJ, et al. J Med Chem. 2020 Nov 25;63(22):13578-13594.
2. Liu C, et al. Clin Cancer Res. 2021 Jan 1;27(1):342-354.

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