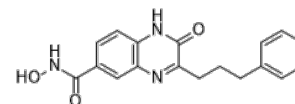


Product Name : TCS2210
Cat. No. : PC-22433
CAS No. : 1201916-31-5
Molecular Formula : C₁₈H₁₇N₃O₃
Molecular Weight : 323.35
Target : IRAK
Solubility : 10 mM in DMSO



CAS: 1201916-31-5

Biological Activity

TCS2210 is a selective inhibitor of IRAK1 (SPR K_d=1.76 μM) and inducer of neuronal differentiation in mesenchymal stem cells, suppresses the growth of epithelial ovarian cancer (EOC) cells.

TCS2210 displays clean selectivity against a set of 468 human kinases and disease-relevant mutants.

TCS2210 suppresses IRAK1 expression within 24 h in A1847 and OVCAR8 cells.

TCS2210 inhibits cell viability of A2780, A1847, OVCAR8, and OVCAR3 cells with IC₅₀ of 20 μM, induces apoptosis of EOC cells. TCS2210 significantly inhibited EOC growth in vitro and in vivo both as monotherapy, and in combination with cisplatin.

References

David Standing, et al. Cell Death Dis. 2024 May 25;15(5):362.

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

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