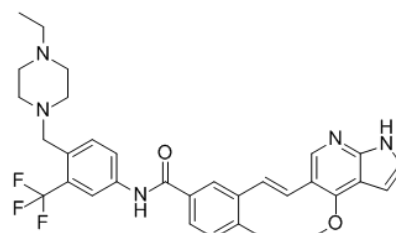


Product Name : HG6-64-1
Cat. No. : PC-42954
CAS No. : 1315329-43-1
Molecular Formula : C₃₂H₃₄F₃N₅O₂
Molecular Weight : 577.6399
Target : MAP4K
Solubility : 10 mM in DMSO



Biological Activity

HG6-64-1 is a potent dual **TAK1** and **MAP4K2** ((germinal center kinase, GCK)) inhibitor with IC₅₀ of 41 nM and 98 nM, respectively.

HG6-64-1 also inhibits ZAK, p38α, Src, Lyn, CSK and EPH-family kinases (IC₅₀=50-100 nM).

HG6-64-1 inhibits GCK signaling DLBCL cell lines with EC₅₀ of 1.83-157 nM, induces G0/G1 cell-cycle arrest and cell death.

HG6-64-1 inhibits the growth of DLBCL xenograft tumors and prolongs the survival of tumor-bearing mice.

References

Tan L, et al. *J Med Chem*. 2015 Jan 8;58(1):183-96.

Matthews JM, et al. *Blood*. 2016 Jul 14;128(2):239-48.

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

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