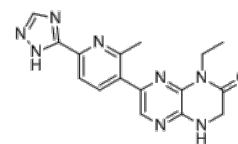


Product Name : CC-115
Cat. No. : PC-21706
CAS No. : 1228013-15-7
Molecular Formula : C₁₆H₁₆N₈O
Molecular Weight : 336.36
Target : DNA-PK
Solubility : 10 mM in DMSO



Biological Activity

CC-115 is a potent, selective, dual DNA-PK and mTOR kinase inhibitor with IC₅₀ of 13 nM and 21 nM, respectively. CC-115 inhibits PC-3 cells proliferation with with IC₅₀ of 138 nM. CC-115 blocks both mTORC1(pS6) and mTORC2(pAktS473) signaling in PC-3 cancer cells, in vitro and in vivo. CC-115 blocks proliferation induced by CD40(+) interleukin-21 stimulation in primary CLL cells.

References

Mortensen DS, et al. *J Med Chem*. 2015 Jul 23;58(14):5599-608.
Thijssen R, et al. *Blood*. 2016 Jul 28;128(4):574-83.

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

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