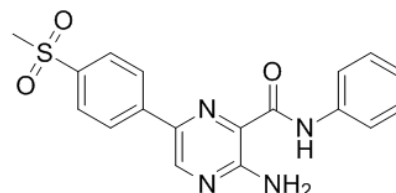


Product Name : VE-821
Cat. No. : PC-44042
CAS No. : 1232410-49-9
Molecular Formula : C₁₈H₁₆N₄O₃S
Molecular Weight : 368.4096
Target : ATM/ATR
Solubility : 10 mM in DMSO



Biological Activity

VE-821 (VE821) is a potent, selective and ATP-competitive inhibitor of **ATR** with K_i/IC₅₀ of 13 nM/26 nM, respectively. VE-821 shows excellent selectivity for ATR over the related PIKKs ATM, DNA-PK, mTOR and PI3K.

References

- Reaper PM, et al. *Nat Chem Biol*, 2011, 7(7), 428-430.
Charrier JD, et al. *J Med Chem*, 2011, 54(7), 2320-2330.
Prevo R, et al. *Cancer Biol Ther*. 2012 Sep;13(11):1072-81.

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

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