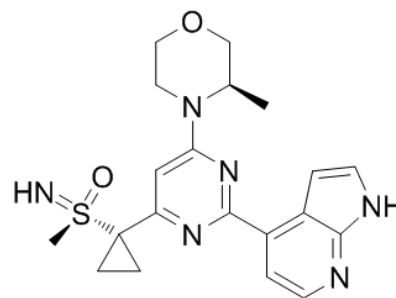


Product Name : AZD6738
Cat. No. : PC-45607
CAS No. : 1352226-88-0
Molecular Formula : C₂₀H₂₄N₆O₂S
Molecular Weight : 412.5085
Target : ATM/ATR
Solubility : DMSO: ≥ 38 mg/mL



Biological Activity

AZD6738 (Ceralasertib) is a potent and selective inhibitor of **ATR** with IC₅₀ of 1 nM.
AZD6738 (Ceralasertib) shows no significant activity for ATM, DNA-PK and mTOR.
AZD6738 (Ceralasertib) inhibits ATR kinase-dependent CHK1 phosphorylation in cells (IC₅₀=74 nM).
AZD6738 (Ceralasertib) enhances the therapeutic efficacy of cisplatin in xenograft models.
AZD6738 (Ceralasertib) is orally active and bioavailable.

References

Vendetti FP, et al. *Oncotarget*. 2015 Dec 29;6(42):44289-305.
Kwok M, et al. *Blood*. 2016 Feb 4;127(5):582-95.
Min A, et al. *Mol Cancer Ther*. 2017 Apr;16(4):566-577.

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

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