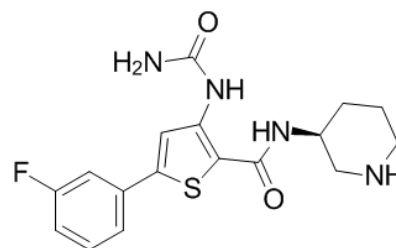


**Product Name** : AZD-7762  
**Cat. No.** : PC-42769  
**CAS No.** : 860352-01-8  
**Molecular Formula** : C<sub>17</sub>H<sub>19</sub>FN<sub>4</sub>O<sub>2</sub>S  
**Molecular Weight** : 362.4218  
**Target** : Checkpoint Kinase (Chk)  
**Solubility** : 10 mM in DMSO



### Biological Activity

AZD-7762 (AZD7762) is a potent and selective inhibitor of **Chk1/2** with IC<sub>50</sub> of 5 nM.

AZD-7762 shows less potent against CAM, Yes, Fyn, Lyn, Hck and Lck.

AZD-7762 enhances the radiosensitivity of mutated p53 tumor cell lines and HT29 xenografts.

### References

Zabludoff SD, et al. **Mol Cancer Ther.** 2008 Sep;7(9):2955-66.

Mitchell JB, et al. **Clin Cancer Res.** 2010 Apr 1;16(7):2076-84.

Morgan MA, et al. **Cancer Res.** 2010 Jun 15;70(12):4972-81.

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

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