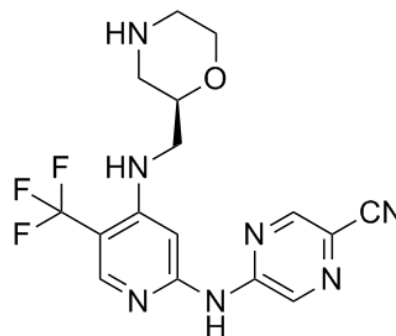


**Product Name** : CCT-245737  
**Cat. No.** : PC-45574  
**CAS No.** : 1489389-18-5  
**Molecular Formula** : C<sub>16</sub>H<sub>16</sub>F<sub>3</sub>N<sub>7</sub>O  
**Molecular Weight** : 379.3398  
**Target** : Checkpoint Kinase (Chk)  
**Solubility** : DMSO: ≥ 32 mg/mL



## Biological Activity

CCT-245737 (SRA-737) is a highly potent, selective, ATP-competitive inhibitor of **Chk1** with IC<sub>50</sub> of 1.3 nM. CCT-245737 displays weak inhibition on Chk2 (IC<sub>50</sub>=2440 nM). CCT-245737 inhibits genotoxic-induced CHK1 activity (pS296 CHK1) and cell cycle arrest (pY15 CDK1) both in vitro and in human tumor xenografts. CCT-245737 shows significant single-agent activity against a MYC-driven mouse model of B-cell lymphoma. CCT-245737 is orally active.

## References

Osborne JD, et al. *J Med Chem.* 2016 Jun 9;59(11):5221-37.  
Walton MI, et al. *Oncotarget.* 2016 Jan 19;7(3):2329-42.

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

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