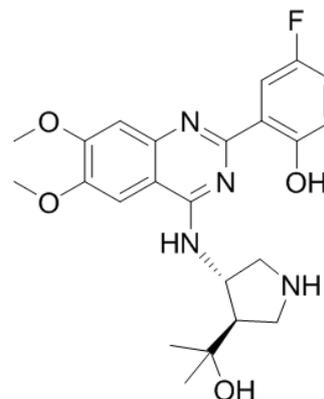


Product Name : CCT241533
Cat. No. : PC-44032
CAS No. : 1262849-73-9
Molecular Formula : C₂₃H₂₇FN₄O₄
Molecular Weight : 442.4833
Target : Checkpoint Kinase (Chk)
Solubility : 10 mM in DMSO



Biological Activity

CCT241533 is a potent and selective ATP-competitive inhibitor of **CHK2** with IC₅₀ of 3 nM. CCT241533 shows good selectivity for CHK2 against CHK1 (IC₅₀=180 nM) and a wider panel of kinases and with promising in vitro ADMET properties. CCT241533 inhibits CHK2 autophosphorylation at S516, band shift mobility changes, and HDMX degradation.

References

- Caldwell JJ, et al. *J Med Chem*. 2011 Jan 27;54(2):580-90.
Anderson VE, et al. *Cancer Res*. 2011 Jan 15;71(2):463-72.

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

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