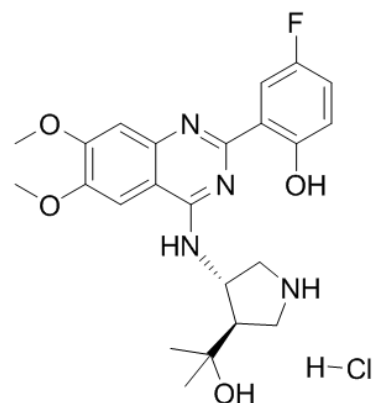


Product Name : CCT241533 hydrochloride
Cat. No. : PC-44033
CAS No. : 1431697-96-9
Molecular Formula : C₂₃H₂₈ClFN₄O₄
Molecular Weight : 478.9442
Target : Checkpoint Kinase (Chk)
Solubility : 10 mM in DMSO



Biological Activity

CCT241533 hydrochloride 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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