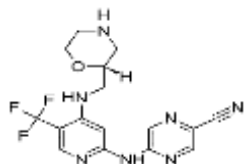


**PRODUCT: CCT-245737****ALTERNATE NAMES:** (R)-5-((4-((Morpholin-2-ylmethyl)amino)-5-(trifluoromethyl)pyridin-2-yl)amino)pyrazine-2-carbonitrile**CATALOG NUMBER:** B2116-5,25**AMOUNT:** 5 mg, 25 mg**STRUCTURE:****MOLECULAR FORMULA:** C<sub>16</sub>H<sub>16</sub>F<sub>3</sub>N<sub>7</sub>O**MOLECULAR WEIGHT:** 379.35**CAS NUMBER:** 1489389-18-5**APPEARANCE:** White to off-white solid**SOLUBILITY:** DMSO**PURITY:** ≥98% by HPLC**STORAGE:** Store at -20 °C. Protect from air and light**DESCRIPTION:** CCT-245737 is a potent and selective checkpoint kinase 1 (Chk1) inhibitor, with an IC<sub>50</sub> of 1.3 nM; displays weaker activity against Chk2 (IC<sub>50</sub> of 2440 nM).**REFERENCE:** Osborne, J.D., *et al.* (2016). *J. Med. Chem.* **59**, 5221-5237.**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.**RELATED PRODUCTS:**

Active CHK1 (Cat. No. 7735-5, 100)

AZD-7762 (Cat. No. 9414-5,25)

CCT244747 (Cat. No. 9575-5,25)

CCT-245737 (Cat. No. B2116-5,25)

Chk2 inhibitor (1702-1)

Prexasertib mesylate (Cat. No. B2067-5,25)

**USAGE:** **FOR RESEARCH USE ONLY! Not to be used in humans**