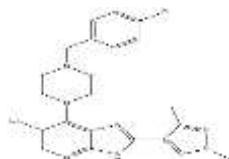


# CCT-241736

**ALTERNATE NAME:** CCT241736  
6-chloro-7-[4-[(4-chlorophenyl)methyl]-1-piperazinyl]-2-(1,3-dimethyl-1H-pyrazol-4-yl)-3H-imidazo[4,5-b]pyridine

**CATALOG #:** B2370-5 5 mg  
B2370-25 25 mg

**STRUCTURE:**



**MOLECULAR FORMULA:** C<sub>22</sub> H<sub>23</sub> Cl<sub>2</sub> N<sub>7</sub>

**MOLECULAR WEIGHT:** 456.38

**CAS NUMBER:** 1402709-93-6

**APPEARANCE:** Crystalline solid

**PURITY:** ≥98% by HPLC

**SOLUBILITY:** >50 mg/ml (DMSO)

**DESCRIPTION:** CCT-241736 is a potent dual FLT3-Aurora inhibitor (IC<sub>50</sub> values against FLT3, Aurora A and Aurora B of 0.035, 0.015 and 0.1 μM respectively). CCT241736 inhibits a wide range of FLT3 mutants, including FLT3-ITD, -D835Y, -D835H, -K663Q and -N841I.

**REFERENCES:** Bavetsias, V., et al. (2012). J. Med. Chem. 55, 8721-8734

**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

**RELATED PRODUCTS:**

G-749 (B2213)  
ZM447439 (2018)  
Tozasertib (1595)  
SB1518 (2450)  
TAK-901 (B1945)  
AMG-900 (B1343)  
STK-321130 (B2006)  
Gilteritinib (B1294)

**DISCLAIMER:** ***FOR RESEARCH USE ONLY! Not to be used on humans.***