



LKT Laboratories, Inc.

CCT-245737

Phone: 888-558-5227  
651-644-8424  
Fax: 888-558-7329  
Email: [getinfo@lktlabs.com](mailto:getinfo@lktlabs.com)  
Web: [lktlabs.com](http://lktlabs.com)

## Product Information

Product ID C104762

CAS No. 1489389-18-5

### Chemical Name

Synonym CCT-245737, CCT 245737, CCT245737

Formula  $C_{16}H_{16}F_3N_7O$

Formula Wt. 379.35

Melting Point

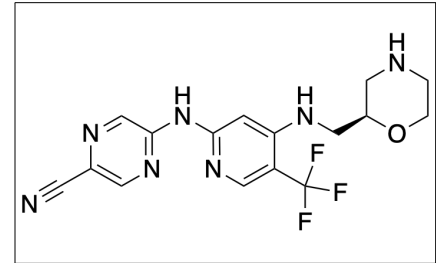
Purity  $\geq 98\%$

Solubility

Store Temp  $-20^{\circ}C$

Ship Temp Ambient

**Description** CCT-245737 is an inhibitor of checkpoint kinase (CHK) 1. It is 1,000 fold selective for CHK1 over CHK2 and CDK1. It enhances the efficacy of gemcitabine in human tumor xenografts. It also shows potential as a monotherapy in a MYC-driven mouse model of B-cell lymphoma.



Product ID	Size
C104762	1 mg
C104762	5 mg
C104762	25 mg

**References** Walton M., Eve P., et al. The clinical development candidate CCT245737 is an orally active CHK1 inhibitor with preclinical activity in RAS mutant NSCLC and Eμ-MYC driven B-cell lymphoma. *Oncotarget*. 7(3):2329-42 (2016). PMID: 26295308.

**Caution:** This product is intended for laboratory and research use only. It is not for human or drug use.