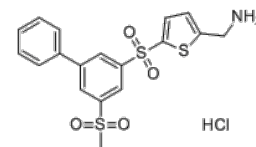


**Product Name** : CCT 365623 hydrochloride  
**Cat. No.** : PC-61190  
**CAS No.** : 2126136-98-7  
**Molecular Formula** : C<sub>18</sub>H<sub>18</sub>ClNO<sub>4</sub>S<sub>3</sub>  
**Molecular Weight** : 443.975  
**Target** : Other Targets  
**Solubility** : 10 mM in DMSO



## Biological Activity

CCT 365623 (CCT365623-) hydrochloride is a potent, orally active small molecule inhibitor of **lysyl oxidase (LOX)** with IC<sub>50</sub> of 0.89 μM. CCT 365623 inhibits LOX activity in living cell system (MDCK cysts) at 5 μM, reduces EGFR retention at the cell surface, suppresses EGFR and AKT phosphorylation driven by EGF. CCT 365623 also activates SMAD2 and downregulates MATN2. CCT 365623 delays the growth of primary and metastatic tumour cells in vivo.

## References

Tang H, et al. *Nat Commun.* 2017 Apr 18;8:14909.

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

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