

---

## CCT128930 hydrochloride

产品编号: D58716

CAS: 2453324-32-6

分子式: C<sub>18</sub>H<sub>21</sub>ClN<sub>5</sub>

纯度: 98.55%

InChi Key: InChIKey=OFLOSUNRPFWODP-UHFFFAOYSA-N

Smiles: NC1(CC2=CC=C(Cl)C=C2)CCN(C3=C4C(NC=C4)=NC=N3)CC1.[H]Cl

外观: 固体粉末

作用通路: Apoptosis; Autophagy; Cytoskeletal Signaling; PI3K/Akt/mTOR signaling; Tyrosine Kinase/Adaptors

作用靶点: Akt; Apoptosis; Autophagy; mTOR; PKA

溶解性: DMSO: 55 mg/mL (145.39 mM)

保存条件: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

产品介绍: CCT128930 hydrochloride is a potent and selective inhibitor of AKT with IC<sub>50</sub> of 6 nM. CCT128930 hydrochloride induces cell cycle arrest, DNA damage, and autophagy. CCT128930 hydrochloride has 28-fold selectivity over the closely related PKA kinase (IC<sub>50</sub>: 168 nM) through the targeting of Met282 of AKT, as well as 20-fold selectivity over p70S6K (IC<sub>50</sub>: 120 nM).