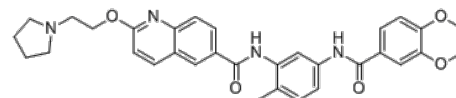


Product Name : CCT251236
Cat. No. : PC-60233
CAS No. : 1693731-40-6
Molecular Formula : C₃₂H₃₂N₄O₅
Molecular Weight : 552.631
Target : Heat Shock Protein (HSP)
Solubility : 10 mM in DMSO



Biological Activity

CCT251236 (CCT-251236) is a potent, orally available **Pirin ligand** (K_i=28 nM), blocks the **HSF1**-mediated induction of both HSP72 and HSP27.

CCT251236 inhibits the induction of HSP72 at the mRNA level, blocks the induction of HSPA1A gene expression with IC₅₀ of 40 nM, inhibits SK-OV-3 cells proliferation with GI₅₀ of 1.1 nM.

CCT251236 displays efficacy in a human ovarian carcinoma xenograft model.

References

Cheeseman MD, et al. *J Med Chem.* 2017 Jan 12;60(1):180-201.

Chessum NEA, et al. *J Med Chem.* 2017 Dec 14. doi: 10.1021/acs.jmedchem.7b01406.

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

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