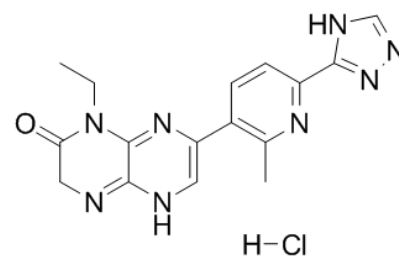


Product Name : CC-115 hydrochloride
Cat. No. : PC-45102
CAS No. : 1300118-55-1
Molecular Formula : C₁₆H₁₇ClN₈O
Molecular Weight : 372.8122
Target : mTOR
Solubility : DMSO: ≥ 30 mg/mL



Biological Activity

A novel dual inhibitor of mTOR and DNA-PK with IC₅₀ of 21 nM and 13 nM, respectively; blocks both mTORC1(pS6) and mTORC2(pAktS473) signaling in PC-3 cancer cells, in vitro and in vivo; exhibits dose-dependent efficacy in tumor xenograft models.

Blood Cancer

Phase 1 Clinical

References

Mortensen DS, et al. J Med Chem. 2015 Jul 23;58(14):5599-608.

Thijssen R, et al. Blood. 2016 Jul 28;128(4):574-83.

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

E-mail: tech@probechem.com