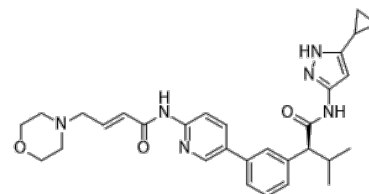


Product Name : Tacaciclilb
Cat. No. : PC-23060
CAS No. : 2768774-66-7
Molecular Formula : C₃₀H₃₆N₆O₃
Molecular Weight : 528.65
Target : Cyclin-dependent Kinase (CDK)
Solubility : 10 mM in DMSO



CAS: 2768774-66-7

Biological Activity

Tacaciclilb (XL102, AUR102) is a potent, orally bioavailable, highly selective covalent **CDK7** inhibitor.

Tacaciclilb (XL102, AUR102) selectively targets, covalently binds to and inhibits the activity of CDK7, thereby inhibiting CDK7-mediated signaling.

Tacaciclilb (XL102, AUR102) prevents phosphorylation of the carboxy-terminal domain (CTD) of RNA polymerase II, thereby preventing transcription of important cancer-promoting genes.

References

Amita Patnaik, et al. **Cancer Res** (2023) 83 (5_Supplement): P4-01-35.

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

E-mail: tech@probechem.com