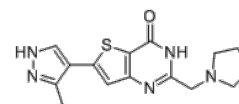


Product Name : Cdc7 inhibitor 7c
Cat. No. : PC-61020
CAS No. : 1330781-04-8
Molecular Formula : C₁₅H₁₇N₅OS
Molecular Weight : 315.395
Target : Cyclin-dependent Kinase (CDK)
Solubility : 10 mM in DMSO



Biological Activity

Cdc7 inhibitor 7c (Cdc7-IN-7c) is a highly potent, selective and time-dependent Cdc7 kinase inhibitor with IC₅₀ of 0.7 nM with slow dissociation property, with 200-fold and >14,000-fold selectivity over CDK2 and ROCK1, respectively. Cdc7-IN-7c exhibits significant time-dependent Cdc7 inhibition with slow dissociation kinetics, cellular pharmacodynamic (PD) effects, and COLO205 growth inhibition.

References

Kurasawa O, et al. *Bioorg Med Chem.* 2017 Jul 15;25(14):3658-3670.

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

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