

Product Name : Cdc7 inhibitor 7c

Synonyms : Cdc7-IN-7c; Cdc7 IN 7c; Cdc7IN7c; Cdc7 inhibitor 7c

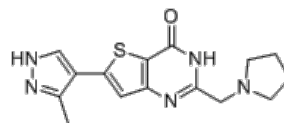
Cat No. : M11315

CAS Number : 1330781-04-8

Molecular Formula : C₁₅H₁₇N₅O₂S

Formula Weight : 315.40

Chemical Name : 6-(3-methyl-1H-pyrazol-4-yl)-2-(pyrrolidin-1-ylmethyl)thieno[3,2-d]pyrimidin-4(3H)-one



Description : 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; exhibits significant time-dependent Cdc7 inhibition with slow dissociation kinetics, cellular pharmacodynamic (PD) effects, and COLO205 growth inhibition.

Pathway : Angiogenesis

Target : CDK

Receptor : CDK

Solubility : —

SMILES : O=C1C2=C(C(=C(C3=CN=C(C3)S2)N=C(CN4CCCC4)N1

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

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