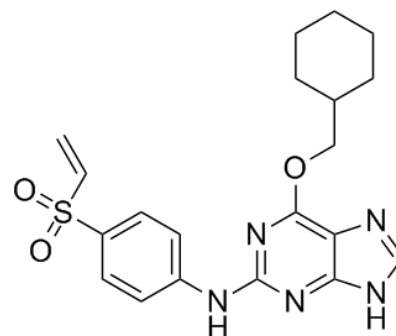


Product Name : NU-6300
Cat. No. : PC-45559
CAS No. : 2070015-09-5
Molecular Formula : C₂₀H₂₃N₅O₃S
Molecular Weight : 413.4933
Target : Cyclin-dependent Kinase (CDK)
Solubility : DMSO: ≥ 32 mg/mL



Biological Activity

NU-6300 is the first covalent, irreversible, ATP-Competitive CDK2 inhibitor with K_i of 6 nM; shows modest effect (GI₅₀=8 uM) against human MCF-7 breast carcinoma cells; inhibits Rb phosphorylation in Rb-positive SKUT-1B cells.

References

Anscombe E, et al. Chem Biol. 2015 Sep 17;22(9):1159-64.

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

E-mail: tech@probechem.com