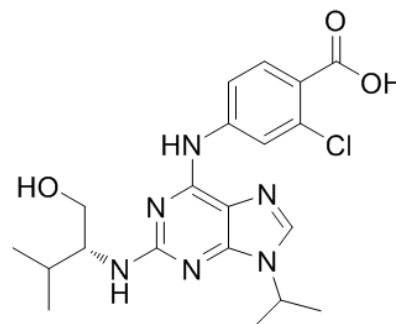


Product Name : Purvalanol B
Cat. No. : PC-45446
CAS No. : 212844-54-7
Molecular Formula : C₂₀H₂₅ClN₆O₃
Molecular Weight : 432.9039
Target : Cyclin-dependent Kinase (CDK)
Solubility : DMSO: ≥ 40 mg/mL



Biological Activity

A potent, cell-permeable, selective inhibitor of CDK with IC₅₀s of 6, 6, 9, and 6 nM for cdc2/cyclin B, cdk2/cyclin A, cdk2/cyclin E, and cdk5-p35 respectively; no inhibition for cdk4/cyclin D1 (>10 μM); has no effect on Erk1, PKC, Raf, CK1, CK2.

References

- Gray NS, et al. Science. 1998 Jul 24;281(5376):533-8.
Chang YT, et al. Chem Biol. 1999 Jun;6(6):361-75.

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

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