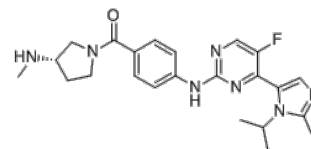


Product Name : AZD 5597
Cat. No. : PC-61143
CAS No. : 924641-59-8
Molecular Formula : C₂₃H₂₈FN₇O
Molecular Weight : 437.513
Target : Cyclin-dependent Kinase (CDK)
Solubility : 10 mM in DMSO



Biological Activity

AZD 5597 is a highly potent cyclin-dependent kinase (CDK) inhibitor with IC₅₀ of 2 nM for both CDK1 and CDK2. AZD 5597 exhibits anti-proliferative activity against LoVo cells with IC₅₀ of 39 nM, demonstrates anticancer activity in SW620 tumour xenograft, possesses suitable physicochemical and pharmacokinetic profiles for intravenous (i.v.) dosing.

References

Jones CD, et al. *Bioorg Med Chem Lett*. 2008 Dec 15;18(24):6369-73.

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

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