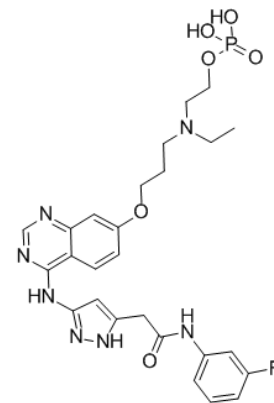


Product Name : Barasertib
Cat. No. : PC-42342
CAS No. : 722543-31-9
Molecular Formula : C₂₆H₃₁N₇O₆P
Molecular Weight : 587.5398
Target : Aurora Kinase
Solubility : DMSO: ≥ 33 mg/mL



Biological Activity

Barasertib (AZD1152) is a potent, highly selective **Aurora B** inhibitor with IC₅₀ of 0.37 nM. Barasertib (AZD1152) displays >1,000-fold selectivity over Aurora B kinase. Barasertib (AZD1152) induces growth arrest and apoptosis in human acute leukemia cells in vitro and in vivo.

References

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Yang J, et al. *Blood.* 2007 Sep 15;110(6):2034-40.
Wilkinson RW, et al. *Clin Cancer Res.* 2007 Jun 15;13(12):3682-8.et al.
Evans RP, et al. *Br J Haematol.* 2008 Feb;140(3):295-302.

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

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