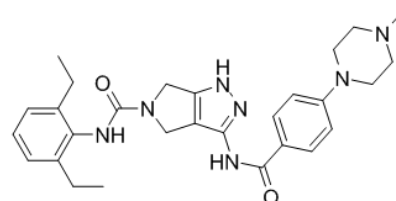


Product Name : PHA-680632
Cat. No. : PC-42420
CAS No. : 398493-79-3
Molecular Formula : C₂₈H₃₅N₇O₂
Molecular Weight : 501.6232
Target : Aurora Kinase
Solubility : DMSO: ≥ 30 mg/mL



Biological Activity

PHA-680632 is a potent, highly selective **Aurora kinase** inhibitor with IC₅₀ of 27, 135 and 120 nM for Aurora A, B and C, respectively.

PHA-680632 exhibits at least 30- to 200-fold selectivity against a panel of 22 kinases compared with Aurora A.

PHA-680632 has potent antiproliferative activity in a wide range of cancer cell types (IC₅₀=0.06-7.15 μM).

PHA-680632 shows significant tumor growth inhibition in different animal tumor models at well-tolerated doses.

References

Soncini C, et al. *Clin Cancer Res.* 2006 Jul 1;12(13):4080-9.

Tao Y, et al. *Br J Cancer.* 2007 Dec 17;97(12):1664-72.

Ratushny V, et al. *Oncogene.* 2012 Mar 8;31(10):1217-27.

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

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