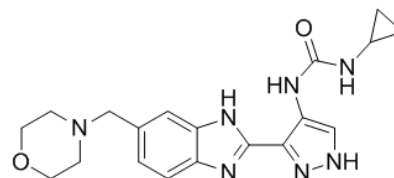


Product Name : AT-9283
Cat. No. : PC-45829
CAS No. : 896466-04-9
Molecular Formula : C₁₉H₂₃N₇O₂
Molecular Weight : 381.4316
Target : Aurora Kinase
Solubility : 10 mM in DMSO



Biological Activity

AT-9283 is a multi-targeted kinase inhibitor with potent activity against Aurora A, Aurora B, JAK2, JAK3, and ABL (T315I) with IC₅₀ of 3, 3, 1.2, 1.1, and 4 nM, respectively.

AT-9283 also inhibits GSK-3β, FGFR2, VEGFR3, Mer, etc. (IC₅₀=1-10 nM).

AT-9283 potently inhibits proliferation and Jak2-related signalling in Jak2-dependent cell lines.

AT-9283 demonstrates significant therapeutic potential in vivo in an ETV6-JAK2 (TEL-JAK2) murine leukaemia model.

References

Howard S, et al. *J Med Chem.* 2009 Jan 22;52(2):379-88.

Dawson MA, et al. *Br J Haematol.* 2010 Jul;150(1):46-57.

Tanaka R, et al. *Blood.* 2010 Sep 23;116(12):2089-95.

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

E-mail: tech@probechem.com