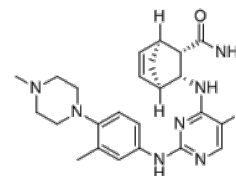


**Product Name** : Cenisertib  
**Cat. No.** : PC-62560  
**CAS No.** : 871357-89-0  
**Molecular Formula** : C<sub>24</sub>H<sub>30</sub>FN<sub>7</sub>O  
**Molecular Weight** : 451.54  
**Target** : Aurora Kinase  
**Solubility** : 10 mM in DMSO



## Biological Activity

Cenisertib (AS-703569, R763) is a novel potent, orally available inhibitor of **Aurora kinases**, exhibits significant anti-proliferative activity against a wide range of tumor cells both in vitro and in vivo (A549 EC<sub>50</sub>=9 nM). Cenisertib (AS 703569, R763) demonstrates marked inhibition of tumor growth in xenograft models of pancreatic, breast, colon, ovarian, and lung tumors and leukemia.

## References

- McLaughlin J, et al. *J Cancer Res Clin Oncol*. 2010 Jan;136(1):99-113.  
 Illert AL, et al. *PLoS One*. 2014 Nov 26;9(11):e112318.  
 Peter B, et al. *Leukemia*. 2017 Nov 29. doi: 10.1038/leu.2017.338.

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

E-mail: tech@probechem.com