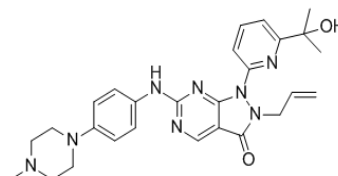


Data Sheet

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Global Supplier of Chemical Probes, Inhibitors & Agonists

Product Name : Adavosertib
Cat.No. : URK-V1391
CAS No. : 955365-80-7
Molecular Formula : $C_{27}H_{32}N_8O_2$
Molecular Weight : 500.595
Target : Wee1
Solubility :



Biological Activity

A potent and selective small-molecule inhibitor of Wee1 kinase with IC₅₀ of 5.2 nM; exhibits ATP-competitive and highly selective against other serine/threonine or tyrosine kinases; inhibits phosphorylation of CDC2 at Tyr15 in cells; potentiates tumor growth inhibition in vivo.

Lung Cancer

Phase 2 Clinical

References

1. Hirai H, et al. Mol Cancer Ther. 2009 Nov;8(11):2992-3000.
2. Hirai H, et al. Cancer Biol Ther. 2010 Apr 1;9(7):514-22.
3. Bridges KA, et al. Clin Cancer Res. 2011 Sep 1;17(17):5638-48.

Note: All products of Ureiko are only used for scientific research or drug certificate declaration, we do not provide products and services for any personal use!

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

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