



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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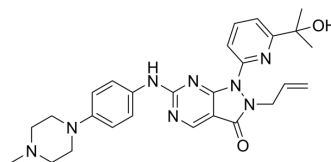
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## Adavosertib (Standard)

Cat. No.:	HY-10993R
CAS No.:	955365-80-7
Molecular Formula:	C <sub>27</sub> H <sub>32</sub> N <sub>8</sub> O <sub>2</sub>
Molecular Weight:	500.6
Target:	Wee1
Pathway:	Cell Cycle/DNA Damage
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	Adavosertib (Standard) is the analytical standard of Adavosertib. This product is intended for research and analytical applications. Adavosertib (AZD-1775; MK-1775) is a potent Wee1 inhibitor with an IC <sub>50</sub> of 5.2 nM.
IC <sub>50</sub> & Target	IC50: 5.2 nM (Wee1)

### REFERENCES

- [1]. Hirai H, et al. MK-1775, a small molecule Wee1 inhibitor, enhances anti-tumor efficacy of various DNA-damaging agents, including 5-FU. *Cancer Biol Ther.* 2010 Apr;9(7):514-22.
- [2]. Bridges KA, et al. MK-1775, a novel Wee1 kinase inhibitor, radiosensitizes p53-defective human tumor cells. *Clin Cancer Res.* 2011 Sep 1;17(17):5638-48. Epub 2011 Jul 28.
- [3]. Rajeshkumar NV, et al. MK-1775, a potent Wee1 inhibitor, synergizes with NSC 613327 to achieve tumor regressions, selectively in p53-deficient pancreatic cancer xenografts. *Clin Cancer Res.* 2011 May 1;17(9):2799-806. Epub 2011 Mar 9.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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