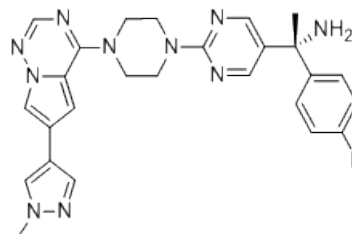


## Data Sheet

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Global Supplier of Chemical Probes, Inhibitors & Agonists

**Product Name** :Avapritinib  
**Cat.No.** :URK-V697  
**CAS No.** :1703793-34-3  
**Molecular Formula** :C<sub>26</sub>H<sub>27</sub>FN<sub>10</sub>  
**Molecular Weight** :498.57  
**Target** :c-Kit  
**Solubility** :



### Biological Activity

Avapritinib (BLU-285) is a potent and highly selective inhibitor of mutant KIT and PDGFRα with IC<sub>50</sub> of 0.6, 0.27 and 0.24 nM for KIT del557-558, KIT D816V and PDGFRA D842V, respectively; displays weak inhibition against WT KIT with IC<sub>50</sub> of 73 nM, >150-fold more potent on KIT D816V than several important kinase antitargets such as VEGFR2, SRC and FLT3; inhibits other well-characterized disease-driving KIT mutants both in vitro and in vivo in preclinical models, demonstrates marked activity in patients with diseases associated with KIT and PDGFRA (GIST) activation loop mutations.

Gastric Cancer

Phase 1 Clinical

### References

1. Cancer Discov. 2017 Dec 12. doi: 10.1158/2159-8290.
2. Evans EK, et al. Sci Transl Med. 2017 Nov 1;9(414). pii: eaao1690.
3. Cancer Discov. 2018 Jan;8(1):OF20. doi: 10.1158/2159-8290.

*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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