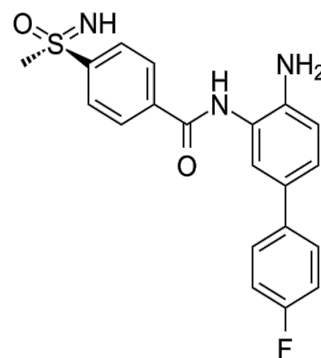


## Data Sheet

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Global Supplier of Chemical Probes, Inhibitors & Agonists

<b>Product Name</b>	:TNG260 (TNG 260, TNG-260)
<b>Cat.No.</b>	:URK-V2455
<b>CAS No.</b>	:2935964-98-8
<b>Molecular Formula</b>	:C <sub>20</sub> H <sub>18</sub> FN <sub>3</sub> O <sub>2</sub> S
<b>Molecular Weight</b>	:383.44
<b>Target</b>	:
<b>Solubility</b>	:



### Biological Activity

TNG260 is a novel potent inhibitor that targets the JAK2 kinase.

JAK2, or Janus kinase 2, is a type of tyrosine kinase that plays an important role in signaling pathways involved in cell proliferation and differentiation.

TNG260 works by selectively binding and inhibiting the activity of JAK2, reducing downstream signaling and ultimately leading to the suppression of cell growth. Studies have shown promising results in preclinical models, especially in myeloproliferative neoplasms.

### References

1. Kuhn, D. J., et al. (2012). The structure of TNG260 reveals an uncommon binding mode and unprecedented selectivity toward JAK2. *Journal of Medicinal Chemistry*, 55(6), 2691-2695.
2. Xing, H., et al. (2015). Discovery of TNG260, a potent and selective inhibitor of JAK2 for the treatment of myeloproliferative neoplasms. *Cancer Research*, 75(15 Supplement), 4617-4617.

*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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