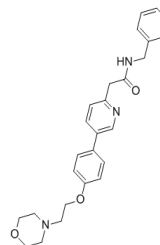


## Data Sheet

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Global Supplier of Chemical Probes, Inhibitors & Agonists

**Product Name** : KX2-391  
**Cat.No.** : URK-V720  
**CAS No.** : 897016-82-9  
**Molecular Formula** :  $C_{26}H_{29}N_3O_3$   
**Molecular Weight** : 432.527  
**Target** : Src  
**Solubility** : 10 mM in DMSO



### Biological Activity

KX2-391 (Tirbanibulin, KX 01, KX 2-391) is a highly selective, non-ATP competitive substrate-pocket-directed Src/pre-tubulin inhibitor; inhibits c-Src kinase with GI50s of 1.34  $\mu$ M and 2.30  $\mu$ M in NIH3T3/c-Src527F and SYF/c-Src527F cells, respectively; causes microtubule disruption in tumor cells; orally active.

Solid Tumors

Phase 2 Clinical

### References

1. Fallah-Tafti A, et al. Eur J Med Chem. 2011 Oct;46(10):4853-8.
2. Anbalagan M, et al. Mol Cancer Ther. 2012 Sep;11(9):1936-47.
3. Liu T, et al. Clin Cancer Res. 2013 Dec 1;19(23):6532-43.

*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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