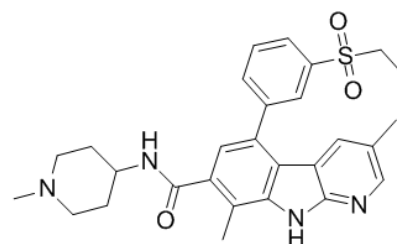


**Product Name** : TAK-901  
**Cat. No.** : PC-42912  
**CAS No.** : 934541-31-8  
**Molecular Formula** : C<sub>28</sub>H<sub>32</sub>N<sub>4</sub>O<sub>3</sub>S  
**Molecular Weight** : 504.6437  
**Target** : Aurora Kinase  
**Solubility** : 10 mM in DMSO



## Biological Activity

TAK-901 is a **multikinase** inhibitor with IC<sub>50</sub> of 21 nM and 15 nM for Aurora A/TPX2 and Aurora B/INCENP respectively. TAK-901 inhibits 56 kinases (IC<sub>50</sub> < 100 nM). TAK-901 inhibits kinds of cancer cell lines with EC<sub>50</sub>s of 40-500 nM. TAK-901 suppresses cellular histone H3 phosphorylation and induced polyploidy.

## References

Farrell P, et al. *Mol Cancer Ther.* 2013 Apr;12(4):460-70.  
Murai S, et al. *Anticancer Res.* 2017 Feb;37(2):437-444.

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

E-mail: tech@probechem.com