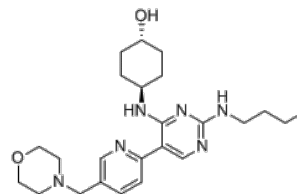


**Product Name** : UNC2250  
**Cat. No.** : PC-72371  
**CAS No.** : 1493694-70-4  
**Molecular Formula** : C<sub>24</sub>H<sub>36</sub>N<sub>6</sub>O<sub>2</sub>  
**Molecular Weight** : 440.592  
**Target** : TAM Receptor (Tyro3-Axl-Mer)  
**Solubility** : 10 mM in DMSO



### Biological Activity

UNC2250 is a potent, selective **Mer tyrosine kinase** (MerTK) inhibitor with IC<sub>50</sub> of 1.7 nM, displays >100-fold selectivity over Axland Tyro3.

UNC2250 inhibits Mer phosphorylation in 697 B-ALL cells with IC<sub>50</sub> of 9.8 nM.

UNC2250 inhibits colony formation in soft agar cultures of the BT-12 rhabdoid tumor and the Colo699 NSCLC cell lines.

UNC2250 also displays high selectivity on a broad survey of kinase families.

### References

Zhang W, et al. *J Med Chem*. 2013 Dec 12;56(23):9683-92.

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

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