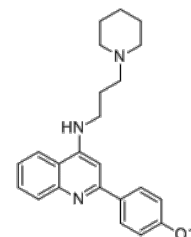


**Product Name** : ML400  
**Cat. No.** : PC-60897  
**CAS No.** : 1908414-42-5  
**Molecular Formula** : C<sub>24</sub>H<sub>29</sub>N<sub>3</sub>O  
**Molecular Weight** : 375.516  
**Target** : Protein Phosphatase/PTP  
**Solubility** : 10 mM in DMSO



## Biological Activity

ML400 is a potent, selective, allosteric **LMPTP** inhibitor with IC<sub>50</sub> of 1.68 μM, displays good selective against other phosphatases.

ML400 displays good cell-based activity as well as rodent pharmacokinetics.

ML400 is a valuable tool to explore the effects of selective LMPTP inhibition in vitro and in vivo.

## References

Stanford SM, et al. *Nat Chem Biol.* 2017 Jun;13(6):624-632.

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

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