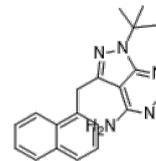


**Product Name** : 1-NM-PP1  
**Cat. No.** : PC-26293  
**CAS No.** : 221244-14-0  
**Molecular Formula** : C<sub>20</sub>H<sub>21</sub>N<sub>5</sub>  
**Molecular Weight** : 331.42  
**Target** : Src  
**Solubility** : 10 mM in DMSO



## Biological Activity

1-NM-PP1 is a cell-permeable PP1 analog and potent Src family kinases inhibitor with IC<sub>50</sub> of 4.3 nM and 3.2 nM for v-Src-as1 and c-Fyn-as1, respectively, also inhibits PKD with IC<sub>50</sub> of 398 nM (PKD2) and analog-sensitive CRK9 (CRK9AS).

## References

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Plank M, et al. Mol Biol Cell. 2024 Apr 1;35(4):ar60.  
Bishop AC, et al. Nature. 2000 Sep 21;407(6802):395-401.  
Gosavi U, et al. Mol Microbiol. 2020 Jun;113(6):1225-1239.

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

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