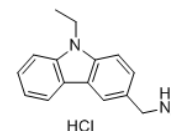


**Product Name** : PhiKan 083  
**Cat. No.** : PC-70006  
**CAS No.** : 1050480-30-2  
**Molecular Formula** : C<sub>16</sub>H<sub>18</sub>N<sub>2</sub>.HCl  
**Molecular Weight** : 274.792  
**Target** : MDM2-p53  
**Solubility** : 10 mM in DMSO



## Biological Activity

PhiKan 083 is a small-molecule stabilizer of **p53** mutant Y220C with K<sub>d</sub> of 150 nM.

PhiKan 083 binds with high affinity to a crevice created by the Y220C mutation in p53 and stabilizes the mutant protein.

## References

Bauer MR, et al. *ACS Chem Biol.* 2016 Aug 19;11(8):2265-74.

Boeckler FM, et al. *Proc Natl Acad Sci U S A.* 2008 Jul 29;105(30):10360-5.

Wiman KG. *Oncogene.* 2010 Jul 29;29(30):4245-52.

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

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