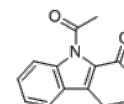


**Product Name** : MS7972  
**Cat. No.** : PC-62280  
**CAS No.** : 352553-42-5  
**Molecular Formula** : C<sub>14</sub>H<sub>13</sub>NO<sub>2</sub>  
**Molecular Weight** : 227.263  
**Target** : MDM2-p53  
**Solubility** : 10 mM in DMSO



### Biological Activity

MS7972 is a small molecules that blocks **p53** and **CREB binding protein (CBP)** association, completely blocks CBP BRD/p53-AcK382 interactions at 50 uM, results in loss of p53 phosphorylation at Ser15 as well as acetylation at Lys382. MS7972 causes a dramatic decrease of the doxorubicin-induced p53 increase in U2OS cells.

### References

Sachchidanand, et al. *Chem Biol.* 2006 Jan;13(1):81-90.

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

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