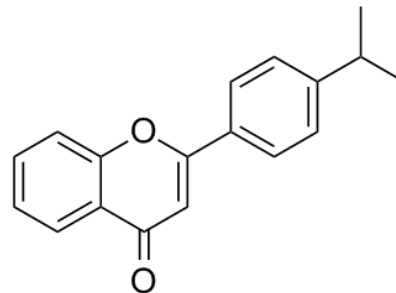


**Product Name** : MN-64  
**Cat. No.** : PC-45620  
**CAS No.** : 92831-11-3  
**Molecular Formula** : C<sub>18</sub>H<sub>16</sub>O<sub>2</sub>  
**Molecular Weight** : 264.3185  
**Target** : PARP  
**Solubility** : 10 mM in DMSO



### Biological Activity

MN-64 is a potent and selective inhibitor of Tankyrase 1 (**TNKS1**) with IC<sub>50</sub> of 6 nM.

MN-64 displays 12-fold selectivity over TNKS2 (IC<sub>50</sub>=72 nM) and no significant inhibitory activity on PARP1 and PARP2 (IC<sub>50</sub>>10 μM).

MN-64 show an Wnt-signaling IC<sub>50</sub> of 200 nM in the STF assay.

### References

Narwal M, et al. *J Med Chem*. 2013 Oct 24;56(20):7880-9.

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

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