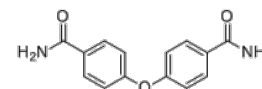


**Product Name** : OUL35  
**Cat. No.** : PC-35378  
**CAS No.** : 6336-34-1  
**Molecular Formula** : C<sub>14</sub>H<sub>12</sub>N<sub>2</sub>O<sub>3</sub>  
**Molecular Weight** : 256.261  
**Target** : PARP  
**Solubility** : 10 mM in DMSO



### Biological Activity

OUL35 (NSC39047) is a potent and selective inhibitor of mono-ADP-ribosyltransferase **PARP10/ARTD10** with IC<sub>50</sub> of 330 nM, displays remarkable selectivity towards ARTD10 over other enzymes in the human protein family.

OUL35 rescues cells from ARTD10 induced cell death, sensitizes cancer cells to the hydroxyurea-induced genotoxic stress. OUL35 is a cell biology tool compound for selective inhibition of ARTD10-mediated MARylation and investigation of ARTD10 in DNA-damage repair.

### References

Venkannagari H, et al. *Cell Chem Biol.* 2016 Oct 20;23(10):1251-1260.

Murthy S, et al. *Eur J Med Chem.* 2018 Jun 20;156:93-102.

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

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