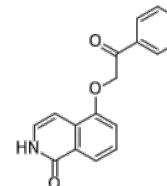


**Product Name** : UPF-1069  
**Cat. No.** : PC-23463  
**CAS No.** : 1048371-03-4  
**Molecular Formula** : C<sub>17</sub>H<sub>13</sub>NO<sub>3</sub>  
**Molecular Weight** : 279.30  
**Target** : PARP  
**Solubility** : 10 mM in DMSO



## Biological Activity

UPF-1069 is a potent, selective PARP-2 inhibitor with IC<sub>50</sub> of 0.3 μM, >25-fold selective over PARP-1 (IC<sub>50</sub>= 8 μM).

UPF-1069 does not interact with other PARP family member enzymes (including tankyrase-1).

UPF-1069 reduced post-ischaemic damage at both low and high concentrations in mixed cortical cells exposed to oxygen-glucose deprivation (OGD).

UPF-1069 exacerbates OGD toxicity in hippocampal CA1 pyramids and reduces it in cortical neurons.

## References

Moroni F, et al. Br J Pharmacol. 2009 Jul;157(5):854-62.

Pellicciari R, et al. ChemMedChem. 2008;3:914-923.

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

E-mail: tech@probechem.com