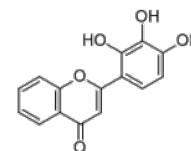


**Product Name** : 2-D08  
**Cat. No.** : PC-60193  
**CAS No.** : 144707-18-6  
**Molecular Formula** : C<sub>15</sub>H<sub>10</sub>O<sub>5</sub>  
**Molecular Weight** : 270.2  
**Target** : Other Targets  
**Solubility** : 10 mM in DMSO



## Biological Activity

2-D08 is a cell permeable, mechanistically unique inhibitor of protein **sumoylation**, inhibits transcriptional expressions of SUMO1/2 and **Ubc9**.

2-D08 inhibits sumoylation by preventing transfer of SUMO from the UBC9-SUMO thioester to the substrate.

2-D08 exhibits efficacious anti-aggregatory and neuroprotective effect.

## References

Kim YS, et al. *Bioorg Med Chem Lett*. 2014 Feb 15;24(4):1094-7.

Marsh DT, et al. *Bioorg Med Chem*. 2017 Jul 15;25(14):3827-3834.

Yu F, et al. *Oncotarget*. 2017 Aug 17;8(42):71500-71511.

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

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