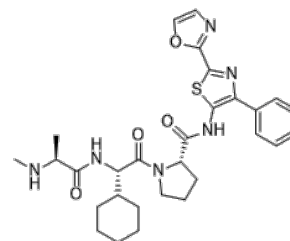


**Product Name** : GDC-0917  
**Cat. No.** : PC-25917  
**CAS No.** : 1446182-94-0  
**Molecular Formula** : C<sub>29</sub>H<sub>36</sub>N<sub>6</sub>O<sub>4</sub>S  
**Molecular Weight** : 564.71  
**Target** : IAP  
**Solubility** : 10 mM in DMSO



### Biological Activity

GDC-0917 (CUDC-427) is a potent second-generation pan-selective inhibitor of apoptosis (IAP) proteins antagonist with binding affinities to the BIR3 domains of X-IAP and cIAP1/2, and the BIR domain of ML-IAP in the low nanomolar range (K<sub>i</sub> < 60 nM).

GDC-0917 (CUDC-427) caused a decrease in cell viability in MDA-MB-231 human breast cancer cells while having no effect on normal human mammary epithelial cells.

GDC-0917 (CUDC-427) is orally bioactive.

### References

Alicie B, et al. Cell Death Dis. 2022 Sep 28;13(9):831.

Tolcher AW, et al. Clin Cancer Res. 2016 Sep 15;22(18):4567-73.

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

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