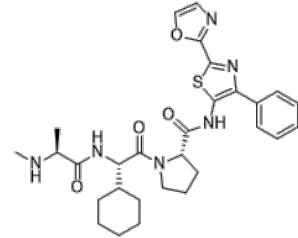


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<b>Product Name</b>	:	GDC-0917
<b>Cat. No.</b>	:	PC-25917
<b>CAS No.</b>	:	1446182-94-0
<b>Molecular Formula</b>	:	C <sub>29</sub> H <sub>36</sub> N <sub>6</sub> O <sub>4</sub> S
<b>Molecular Weight</b>	:	564.71
<b>Target</b>	:	IAP
<b>Solubility</b>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

Alicke 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.

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

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