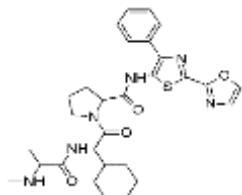


**PRODUCT: GDC-0917**

**ALTERNATE NAMES:** (S)-1-((S)-2-cyclohexyl-2-((S)-2-(methylamino)propanamido)acetyl)-N-(2-(oxazol-2-yl)-4-phenylthiazol-5-yl)pyrrolidine-2-carboxamide; CUDC-427

**CATALOG NUMBER:** B1918-1, 5

**AMOUNT:** 1 mg, 5 mg

**STRUCTURE:**

**MOLECULAR FORMULA:** C<sub>29</sub>H<sub>36</sub>N<sub>6</sub>O<sub>4</sub>S

**MOLECULAR WEIGHT:** 564.7

**CAS NUMBER:** 1446182-94-0

**APPEARANCE:** Crystalline solid

**SOLUBILITY:** DMSO

**PURITY:** ≥98% by HPLC

**STORAGE:** Store at -20 °C. Protect from air and light

**DESCRIPTION:** GDC-0917 (CUDC-427) is a second mitochondrial activator of caspases (Smac) mimetic, a small molecule inhibitor, that mimics Smac, an endogenous antagonist of IAP proteins. GDC-0917 binds to the Smac binding groove on IAPs, including the direct caspase inhibitor X chromosome-linked IAP (XIAP) and the cellular IAPs 1 and 2.

**REFERENCES:** Fulda, S. (2015). *Clin. Cancer Res.* **21**, 5030-5036.

**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

**RELATED PRODUCTS:**

At-406 (**B1829**)

BV6 (**B1332**)

Birinapant (**2597**)

LCL161 (**B1601**)

XIAP Antibody (**3183**)

**USAGE:** **FOR RESEARCH USE ONLY! Not to be used in humans**