

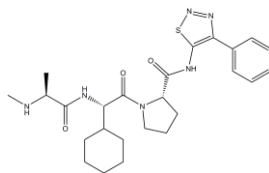
**PRODUCT: GDC-0152**

**ALTERNATE NAMES:** (2S)-1-[(2S)-2-cyclohexyl-2-[[[(2S)-2-(methylamino)propanoyl]amino]acetyl]-N-(4-phenylthiadiazol-5-yl)pyrrolidine-2-carboxamide, GCD0152, GDC 0152, IAPs inhibitor, XIAP inhibitor, IAP antagonist

**CATALOG #:** B1602-5, -25

**AMOUNT:** 5 mg, 25 mg

**STRUCTURE:**



**RELATED PRODUCTS:**

- Birinapant (2597)
- Embelin (B1600)
- LCL161 (B1601)

**MOLECULAR FORMULA:** C<sub>25</sub>H<sub>34</sub>N<sub>6</sub>O<sub>3</sub>S

**MOLECULAR WEIGHT:** 498.64

**CAS NUMBER:** 873652-48-3

**APPEARANCE:** White solid powder

**SOLUBILITY:** DMSO: 99 mg/ml (198.54 mM)

**PURITY:** 98% by HPLC

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

**DESCRIPTION:** GDC-0152 is a potent small molecule antagonist of IAPs including XIAP-BIR3, ML-IAP-BIR3, cIAP1-BIR3 and cIAP2-BIR3 with K<sub>i</sub> of 28 nM, 14 nM, 17 nM and 43 nM, respectively; less affinity shown to cIAP1-BIR2 and cIAP2-BIR2. Phase 1.

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

**REFERENCES:** 1. Flygare JA, et al. J Med Chem, 2012, 55(9), 4101-4113.

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