

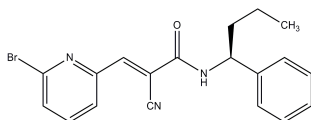
**PRODUCT: WP-1130**

**ALTERNATE NAME:** (S,E)-3-(6-Bromopyridin-2-yl)-2-cyano-N-(1-phenylbutyl)acrylamide; Degrasyn

**CATALOG #:** 2014-5, 25

**AMOUNT:** 5 mg, 25 mg

**STRUCTURE:**



**MOLECULAR FORMULA:** C<sub>19</sub>H<sub>18</sub>BrN<sub>3</sub>O

**MOLECULAR WEIGHT:** 384.27

**CAS NUMBER:** 856243-80-6

**APPEARANCE:** Pale yellow solid

**SOLUBILITY:** DMSO (40 mg/ml) or EtOH (25 mg/ml)

**PURITY:** ≥98% by TLC

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

**DESCRIPTION:** Cell-permeable. WP1130 acts as a partly selective DUB (deubiquitinases) inhibitor, directly inhibiting DUB activity of USP9x, USP5, USP14, and UCH37, which are known to regulate survival protein stability and 26S proteasome function. WP1130-mediated inhibition of tumor-activated DUBs results in downregulation of antiapoptotic and upregulation of proapoptotic proteins, such as MCL-1 and p53. Blocks JAK2 signaling via JAK2 ubiquitination.

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

**RELATED PRODUCTS:**

- Aclacinomycin A (Cat. No. 2032-5, 25)
- Calpain Inhibitor I, ALLN (Cat. No. 1834-5, 25)
- Calpain Inhibitor II, ALLM (Cat. No. 1834-5, 25)
- Clasto-Lactacystin β-Lactone (Cat. No. 1710-100)
- E6AP Antibody (Cat. No. 3744-100)
- (-)-Epigallocatechin gallate (Cat. No. 1841-50)
- Isopeptidase T (short form), human recombinant (Cat. No. 4861-25)
- Isopeptidase T (long form), human recombinant (Cat. No. 4862-25)
- Lactacystin (Cat. No. 1709-200)
- MG-115 (Cat. No. 1831-1, 5)
- MG-132 (Cat. No. 1703-5, 25)
- PS-341 (Cat. No. 1846-1,5)
- EZSolution™ MG-132 (Cat. No. 1791-5)
- LDN-57444 (Cat. No. 2016-5, 25)
- MDBN (cat. No. 2033-5, 25)
- NEDD8-AMC (Cat. No. 4843-25)
- NSC-687852 (Cat. No. 2021-5, 25)
- Proteasome Activity Assay Kit (Cat. No. K245-100)
- Proteasome Substrate, Fluorogenic (Cat. No. 1832-1, 5)
- PYR-41 (Cat. No. 1925-5, 25)
- Suc-Leu-Leu-Val-Tyr-AMC (Cat. No. 1833-5)
- (±)- Thalidomide (Cat. No. 2020-10, 50)
- Ubch1, human recombinant (GST-tag) (Cat. No. 4846-100)
- Ubch2, human recombinant (His-tag) (Cat. No. 4848-100)
- Ubch3, human recombinant (His-tag) (Cat. No. 4849-100)
- Ubch5a, human recombinant (His-tag) (Cat. No. 4851-100)
- Ubch5b, human recombinant (His-tag) (Cat. No. 4852-100)
- Ubch5c, human recombinant (His-tag) (Cat. No. 4854-100)
- Ubiquitin Aldehyde (Cat. No. 4845-50)
- Ubiquitin, human recombinant (Cat. No. 4841-100,1000)
- Ubiquitin AMC (Cat. No. 4842-25)
- UCH-L1, human recombinant (GST-tag) (Cat. No. 4855-50)
- USP7 Antibody (Cat. No. 3737-100)
- USP-14 Inhibitor IU1 (Cat. No. 1845-5, 25)

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