

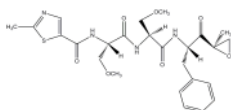
**PRODUCT: Oprozomib**

**ALTERNATE NAME:** N-((S)-3-methoxy-1-(((S)-3-methoxy-1-(((S)-1-((R)-2-methyloxiran-2-yl)-1-oxo-3-phenylpropan-2-yl)amino)-1-oxopropan-2-yl)amino)-1-oxopropan-2-yl)-2-methylthiazole-5-carboxamide; ONX-0912; PR-047

**CATALOG #:** 2386-5, 25

**AMOUNT:** 5 mg, 25 mg

**STRUCTURE:**



**MOLECULAR FORMULA:** C<sub>25</sub>H<sub>32</sub>N<sub>4</sub>O<sub>7</sub>S

**MOLECULAR WEIGHT:** 532.61

**CAS NUMBER:** 935888-69-0

**APPEARANCE:** White to off-white solid

**SOLUBILITY:** DMSO (~100 mg/ml)

**PURITY:** ≥98% by HPLC

**STORAGE:** At -20°C. Protect from light and moisture

**DESCRIPTION:** Oprozomib is a next generation, irreversible and selective proteasome inhibitor that displays potent anti-myeloma properties. It potently induces apoptosis in HNSCC cell lines via upregulation of pro-apoptotic Bik.

**REFERENCE:** Hurchla, M.A., *et al.* (2013). *Leukemia* **27**, 430-440; Zang, Y., *et al.* (2012). *Autophagy* **8**, 1873-1874.

**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)  
 Fenbendazole (Cat. No. 2157-100, 500)  
 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)  
 EZSolution™ MG-115 (Cat. No. 2144-1)  
 MG-132 (Cat. No. 1703-5, 25)  
 PS-341 (Cat. No. 1846-1,5)  
 EZSolution™ MG-132 (Cat. No. 1791-5)  
 Proteasome Activity Assay Kit (Cat. No. K245-100)  
 Proteasome Substrate, Fluorogenic (Cat. No. 1832-1, 5)  
 PYR-41 (Cat. No. 1925-5, 25)  
 PS-341 (Cat. No. 1846-1, 5)  
 EZSolution™ PS-341 (Cat. No. 2145-1)  
 Suc-Leu-Leu-Val-Tyr-AMC (Cat. No. 1833-5)

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