

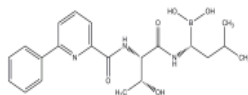
**PRODUCT: CEP-18770**

**ALTERNATE NAME:** [(1R)-1-[[[(2S,3R)-3-Hydroxy-2-[[[(6-phenylpyridin-2-yl)carbonyl]amino]-1-oxobutyl]amino]-3-methylbutyl]]boronic acid

**CATALOG #:** 2433-5, 25

**AMOUNT:** 5 mg, 25 mg

**STRUCTURE:**



**MOLECULAR FORMULA:** C<sub>21</sub>H<sub>28</sub>BN<sub>3</sub>O<sub>5</sub>

**MOLECULAR WEIGHT:** 413.28

**CAS NUMBER:** 847499-27-8

**APPEARANCE:** Off-white solid

**SOLUBILITY:** DMSO (>70 mg/ml) or EtOH (>70 mg/ml)

**PURITY:** ≥98% by HPLC

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

**DESCRIPTION:** A reversible P2 threonine boronic acid inhibitor of the chymotrypsin-like activity of the proteasome. Displays anti-multimyeloma (MM) effect.

**REFERENCE:** Seavey, M.M., *et al.* (2012). *Int. Immunopharmacol.* **12**, 257-270; Sanchez, E., *et al.* (2010). *Br. J. Haematol.* **148**, 569-581.

**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)
- Carfilzomib (Cat. No. 2385-5, 25)
- 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)
- Oprozomib (Cat. No. 2386-5, 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**