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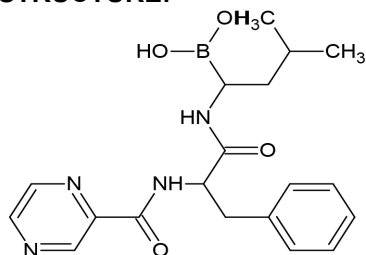
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## MG-132

**ALTERNATE NAME:** [(1*R*)-3-methyl-1-[[[(2*S*)-3-phenyl-2-(pyrazine-2-carboxylamino)propanoyl]amino]butyl]boronic acid;bPS-341

**CATALOG #:** AUR10625

### STRUCTURE:



**MOLECULAR FORMULA:** C<sub>19</sub>H<sub>25</sub>BN<sub>4</sub>O<sub>4</sub>

**MOLECULAR WEIGHT:** 384.24

**CAS#:** 179324-69-7

**APPEARANCE:** Off-white solid

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

**PURITY:** ≥98% by HPLC

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

**DESCRIPTION:** Bortezomib is a cell-permeable dipeptidylboronate compound that acts as a potent and selective 26S proteasome inhibitor. Human pancreatic cancer cell studies demonstrate Bortezomib to inhibit the PKR-like endoplasmic reticulum (ER) kinase and enhance ER stress, leading to apoptosis.

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