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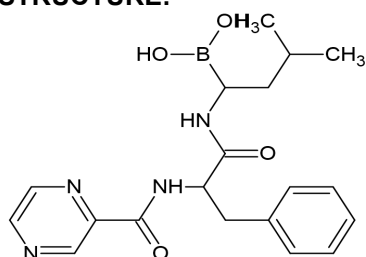
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Bortezomib

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

CATALOG #: AUR10831

STRUCTURE:



MOLECULAR FORMULA: C₁₉H₂₅BN₄O₄

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