

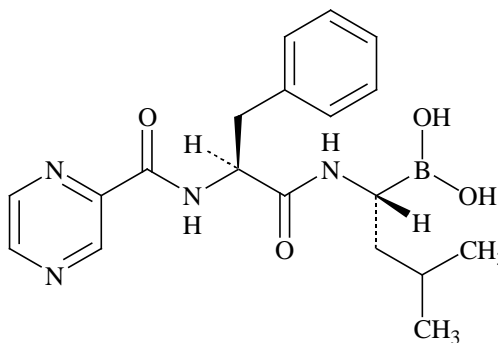
STATEMENT ON A NONPROPRIETARY NAME ADOPTED BY THE USAN COUNCIL:

USAN	BORTEZOMIB
PRONUNCIATION	bore tez' oh mib
THERAPEUTIC CLAIMS	treatment of multiple cancers, including multiple myeloma, chronic lymphocytic leukemia, non-Hodgkins lymphoma, and pancreatic, colon, lung, and prostate cancers (proteasome inhibitor)

CHEMICAL NAMES

- 1) boronic acid, [(1*R*)-3-methyl-1-[[[(2*S*)-1-oxo-3-phenyl-2-[(pyrazinylcarbonyl)amino]propyl]amino]butyl]-
- 2) [(1*R*)-3-methyl-1-[[[(2*S*)-3-phenyl-2-[(pyrazinylcarbonyl)amino]propanoyl]amino]butyl]boronic acid
- 3) *N*-[(1*S*)-1-benzyl-2-[[[(1*R*)-1-(dihydroxyboranyl)-3-methylbutyl]amino]-2-oxoethyl]pyrazinecarboxamide

STRUCTURAL FORMULA



MOLECULAR FORMULA	$C_{19}H_{25}BN_4O_4$
MOLECULAR WEIGHT	384.24
TRADEMARK	Unknown as yet
MANUFACTURER	Millennium Pharmaceuticals, Inc.
CODE DESIGNATIONS	PS-341; LDP-341
<u>CAS</u> REGISTRY NUMBER	179324-69-7