

CERTIFICATE OF ANALYSIS

PRODUCT:	Bortezomib N-(2-pyrazine)carbonyl-L-phenylalanine-L-leucine boronic acid; C ₁₉ H ₂₅ BN ₄ O ₄ , M.W. 384.2, CAS# [179324-69-7]
PRODUCT NUMBER:	P-2408
LOT NUMBER:	G1097
APPEARANCE:	White powder
SOLUBILITY:	Soluble in DMSO (50mg/ml) or Ethanol (35mg/ml)
MELTING POINT:	139-143°C
ANALYSIS (NMR):	Conforms
PURITY (TLC):	> 98%
PHARMACOLOGY:	Potent and selective proteasome inhibitor (K _i = 0.6 nM). Inhibits proliferation of a number of tumor cell lines (IC ₅₀ = 7 nM). Inhibits TNF synthesis and FGF-induced angiogenesis. Reversible. Cell permeable.
STORAGE & HANDLING:	Store desiccated at -20°C.

CAUTION: For research use only. Not for human or drug use. The pharmacological and toxicological properties of this product have not been fully investigated. Use caution when handling. Do not use this compound if you are not fully trained or are unaware of the hazards involved.

Verified: EK