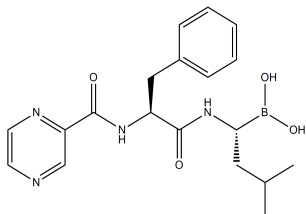


PRODUCT: EZSolution™ PS-341

ALTERNATE NAME: MG-341; ((R)-3-Methyl-1-((S)-3-phenyl-2-(pyrazine-2-carboxamido)propanamido)butyl)boronic acid

CATALOG #: 2145-1

AMOUNT: 1 mg

STRUCTURE:

MOLECULAR FORMULA: C₁₉H₂₅BN₄O₄

MOLECULAR WEIGHT: 384.24

CAS NUMBER: 179324-69-7

APPEARANCE: Liquid

FORMULATION: In DMSO (10 mM)

PURITY: ≥99% by HPLC

STORAGE: Store at -20 °C

DESCRIPTION: A 10 mM (1 mg in 260 μl) solution of the proteasome inhibitor PS-341 (Cat. No. 1846) in anhydrous DMSO.

REFERENCE: Ling, Y., *et al.* (2003). *Clin.Cancer Res.* **9**, 1145-1154; Adams, J. (2002). *The Oncologist* **7**, 9-16;

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)
 E6AP Antibody (Cat. No. 3744-100)
 (-)-Epigallocatechin gallate (Cat. No. 1841-50)
 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)
 PS-341 (Cat. No. 1846-1,5)
 EZSolution™ MG-132 (Cat. No. 1791-5)
 LDN-57444 (Cat. No. 2016-5, 25)
 MDBN (Cat. No. 2033-5, 25)
 NEDD8-AMC (Cat. No. 4843-25)
 NSC-687852 (Cat. No. 2021-5, 25)
 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)
 Suc-Leu-Leu-Val-Tyr-AMC (Cat. No. 1833-5)
 (±)- Thalidomide (Cat. No. 2020-10, 50)
 Ubch1, human recombinant (GST-tag) (Cat. No. 4846-100)
 Ubch2, human recombinant (His-tag) (Cat. No. 4848-100)
 Ubch3, human recombinant (His-tag) (Cat. No. 4849-100)
 Ubch5a, human recombinant (His-tag) (Cat. No. 4851-100)
 Ubch5b, human recombinant (His-tag) (Cat. No. 4852-100)
 Ubch5c, human recombinant (His-tag) (Cat. No. 4854-100)
 Ubiquitin Aldehyde (Cat. No. 4845-50)
 Ubiquitin, human recombinant (Cat. No. 4841-100,1000)
 Ubiquitin AMC (Cat. No. 4842-25)
 UCH-L1, human recombinant (GST-tag) (Cat. No. 4855-50)
 USP7 Antibody (Cat. No. 3737-100)
 USP-14 Inhibitor IU1 (Cat. No. 1845-5, 25)
 WP-1130 (Cat. No. 2014-5, 25)

USAGE: FOR RESEARCH USE ONLY! Not to be used in humans