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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Bortezomib

Proteasome inhibitor
Catalog No. SIH-328



Discovery through partnership | Excellence through quality

Overview

Product Name

Bortezomib

Description

Proteasome inhibitor

Purity

>98%

CAS No.

179324-69-7

Molecular Formula

C₁₁H₁₁BN₂O₂

Molecular Weight

384.2

Properties

Storage Temperature

-20°C

Shipping Temperature

Shipped Ambient

Product Type

Inhibitor

Solubility

Soluble in 50 mg/ml DMSO, 35 mg/ml Ethanol

Source

Synthetic

Appearance

White Powder

SMILES

B[C@H](CC(C)C)NC(=O)[C@H](CC1=CC=CC=C1)NC(=O)C2=NC=CN=C2(O)O

InChI

InChI=1S/C19H25BN4O4/c1-13(2)10-17(20(27)28)24-18(25)15(11-14-6-4-3-5-7-14)23-19(26)16-12-21-8-9-22-16/h3-9,12-13,15,17,27-28H

,10-11H2,1-2H3,(H,23,26)(H,24,25)/t15-,17-/m0/s1

InChIKey

GXJABQQUPOEUTA-RDJZCZTQSA-N

Safety Phrases

Classification: Caution: Substance not yet fully tested.

Safety Phrases:

S22 - Do not breathe dust

S36/37/39 - Wear suitable protective clothing, gloves and eye/face protection

S24/25- Avoid contact with skin and eyes

Cite This Product

Bortezomib (StressMarq Biosciences Inc., Victoria BC CANADA, Catalog # SIH-328)

Biological Description

Alternative Names

B-[(1R)-3-Methyl-1-[[[(2S)-1-oxo-3-phenyl-2-[(2-pyrazinylcarbonyl)amino]propyl]amino]butyl]boronic Acid; [(1R)-3-Methyl-1-[[[(2S)-1-oxo-3-phenyl-2-[(pyrazinylcarbonyl)amino]propyl]amino]butyl]boronic Acid; Velcade; Radiciol; NSC 681239; DPBA; LDP 341; MG 341; mIN 341; NSC 681239; PS 314; PS 341; Radiciol; Velcade

Research Areas

Cancer, Apoptosis, Cancer Growth Inhibitors, Proteasome Inhibitors

PubChem ID

387447

Scientific Background

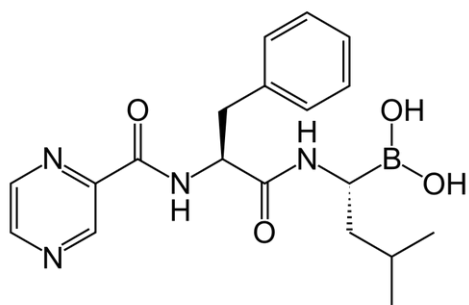
Potent and selective proteasome inhibitor (Ki=0.6 nM). Inhibits proliferation of a number of tumor cell lines (IC50=7 nM). Inhibits TNF synthesis and FGF-induced angiogenesis. Reversible. Cell permeable.

References

1. Adams J., et al. (1999) Cancer Res. 59: 2615.
2. Williams S., et al. (2003) Mol. Cancer Ther. 2: 835.

Product Images

Chemical structure of Bortezomib (SIH-328), a Proteasome inhibitor. CAS #: 179324-69-7. Molecular Formula: C₁₉H₂₅BN₄O₄. Molecular Weight: 384.2 g/mol.



Product Citations (0)

Currently there are no citations for this product.

Reviews

There are no reviews yet.