

Epoxomicin

Cat. No. CEI-0627

Lot. No. (See product label)

Introduction

Description Originally isolated from Actinomycetes strain based on its potent in vivo antitumor activity, Epoxomicin is a potent, cell-permeable, selective and irreversible proteasome inhibitor. More potent inhibitor of the chymotrypsin-like activity of the proteasome than Lactacystin. Blocks also trypsin-like and PGPH activities of the proteasome.

Synonyms BU-4061T

Product Information

Appearance Off-white solid

CAS No. 134381-21-8

Molecular Formula C₂₈H₅₀N₄O₇

Chemical Name N-acetyl-N-methyl-L-isoleucyl-L-isoleucyl-N-[(1S)-3-methyl- 1-[[[(2R)-2-methyloxiranyl]carbonyl]butyl]-L-threoninamide

Molecular Weight 248.23

Purity ~80% by TLC

Targets Proteasome

Solubility H₂O (200 mg/ml) or MeOH (50 mg/ml)

Storage and Shipping Information

Storage -20 centigrade

Shipping Conditions Gel pack