Creative Enzymes®

Cilengitide

Cat. No. CEI-1282

Lot. No. (See product label)

Introduction

Description	Cilengitide is a small-molecule inhibitor of integrins with IC50 values of 2.3 nM and 37 nM for αvβ3 and αvβ5, respectively.

Product Information

CAS No.	188968-51-6
Molecular Formula	C27H40N8O7
Chemical Name	2-[(2S,5R,8S,11S)-5-benzyl-11-[3-(diaminomethylideneamino)propyl]-7-methyl-3,6,9,12,15-pentaoxo-8-propan-2-yl-1,4,7,10,13-pentazacyclopentadec-2-yl]acetic acid
Molecular Weight	588.66
Purity	99.30%
Targets	αvβ3; αvβ5; α5β1
IC50	2.3 nM; 37 nM
Solubility	Soluble in DMSO > 10 mM

Storage and Shipping Information

Storage	Store at-20°C
Shipping Conditions	Evaluation sample solution: ship with blue ice. All other available size: ship with RT, or blue ice upon request