

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 $\alpha v \beta 3$ and $\alpha v \beta 5$, 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 0.993

Targets $\alpha v \beta 3$; $\alpha v \beta 5$; $\alpha 5 \beta 1$

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