

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 99.30%

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