

## Cilengitide

Cat. No. CEI-1282

Lot. No. (See product label)

### Introduction

#### Description

Cilengitide is a small-molecule inhibitor of integrins with IC<sub>50</sub> 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** C<sub>27</sub>H<sub>40</sub>N<sub>8</sub>O<sub>7</sub>

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

**IC<sub>50</sub>** 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