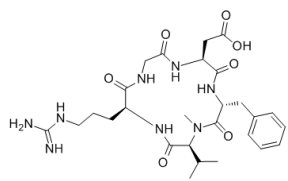


Product Name	: Cilengitide	
Synonyms	: EMD 121974	
Cat No.	: M12961	
CAS Number	: 188968-51-6	
Molecular Formula	: C ₂₇ H ₄₀ N ₈ O ₇	
Formula Weight	: 588.66	
Chemical Name	: —	
Description	Cilengitide is a potent integrin inhibitor for αvβ3 receptor and αvβ5 receptor with IC ₅₀ of 4.1 nM and 79 nM in cell-free assays, respectively; ~10-fold selectivity against gpIIb/IIIa. Phase 2.	
Pathway	Cell Cycle/DNA Damage	
Target	Integrin	
Receptor	αvβ3 integrin; αvβ5 integrin	
Solubility	Water: 8 mg/mL (13.59 mM); DMSO: 100 mg/mL (169.87 mM)	
SMILES	CC(C)[C@H](C(=O)N[C@H](C(=O)NCC(=O)N[C@H](C(=O)N[C@@H](C(=O)N1C)CC2=CC=CC=C2)CC(=O)O)CCCN=C(N)N	
Storage	(-20°C)	
Stability	≥ 2 years	
Reference	:	

1.Reardon DA, et al. Genes Y, 2011, 2(12):1159-1165.