

Analytical Data Sheet

Lot number

1022337

not for drug use

Catalog Number	H-1376.0025
Product number	4014626.0025
Product	$\alpha_2\beta_1$ Integrin Recognition Sequence H- Asp- Gly- Glu- Ala- OH
Molecular formula	C ₁₄ H ₂₂ N ₄ O ₉
Relative molecular mass	390.35

Tests	Results
Appearance	white lyophilisate
Appearance of solution	clear, colorless solution (50 mg/ml in water)
Identification (ESI-MS)	m= 390.4 u (average mass)
Identification (TLC)	complies with authentic material
Purity (TLC)	> 97%
TLC conditions	n-butanol/acetic acid/H ₂ O 4/2/2 isopropanol/ammonia conc. 1/1 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine
Assay (elemental analysis)	92.3% (Nth 14.35 %, Nfd 13.24 %)
Latest update: February 19, 2009	Analytical Data Sheet Lot number 1022337