

# Analytical Data Sheet

Lot number

**1030125**

not for drug use

<b>Catalog Number</b>	<b>H-1376.0100</b>
<b>Product number</b>	<b>4014626.0100</b>
<b>Product</b>	$\alpha_2\beta_1$ <b>Integrin Recognition Sequence</b> H- Asp- Gly- Glu- Ala- OH
<b>Molecular formula</b>	$C_{14}H_{22}N_4O_9$
<b>Relative molecular mass</b>	390.35

Tests	Results
<b>Appearance</b>	white lyophilisate
<b>Appearance of solution</b>	clear, colorless solution (50 mg/ml in water)
<b>Identification (ESI-MS)</b>	m= 390.4 u (average mass)
<b>Identification (TLC)</b>	complies with authentic material
<b>Purity (TLC)</b>	> 97%
<b>TLC conditions</b>	n-butanol/acetic acid/H <sub>2</sub> O 4/2/2 isopropanol/ammonia conc. 1/1 plate: silicagel 60 F <sub>254</sub> detected by: UV, ninhydrin, chlorine-tolidine
<b>Assay (elemental analysis)</b>	92.3% (Nth 14.35 %, Nfd 13.24 %)
Latest update: April 07, 2010	

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