

Analytical Data Sheet

Lot number **1072588**
not for drug use

Catalog number **H-2390.0025**
Product number **4010536.0025**
Product **Chemotactic Domain of Elastin**
H- Val- Gly- Val- Ala- Pro- Gly- OH
Molecular formula **C₂₂H₃₈N₆O₇**
Relative molecular mass **498.58**

Tests	Results
Appearance	white lyophilisate
Appearance of solution	clear, colorless solution (1 mg/mL in water)
Identification (ESI-MS)	m = 498.6u (average mass)
Solubility	soluble in water
Purity (HPLC)	97.8% (TFA) 97.8% (NaClO ₄)
Purity (TLC)	> 98%
TLC conditions	n-butanol/acetic acid/H ₂ O 4/2/2 plate: silicagel 60 F ₂₅₄ detected by: ninhydrin, chlorine-tolidine
Assay (elemental analysis)	83.2% (Nth 16.86%, Nfd 14.02%)
Water content (KF volumetric)	5.6%
General comment	product supplied as acetate salt

Latest update: July 13, 2017

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