

Analytical Data Sheet

Lot number

1037025

not for drug use

Catalog Number

H-9005.0500

Product number

4025474.0500

Product

Defensin HNP- 2 (human) trifluoroacetate salt

H- Cys- Tyr- Cys- Arg- Ile- Pro- Ala- Cys- Ile- Ala- Gly- Glu- Arg- Arg- Tyr- Gly- Thr- Cys- Ile- Tyr- Gln- Gly- Arg- Leu- Trp- Ala- Phe- Cys- Cys- OH trifluoroacetate salt
(Disulfide bonds between Cys¹ and Cys²⁹/Cys³ and Cys¹⁸/Cys⁸ and Cys²⁸)

Molecular formula

$C_{147}H_{217}N_{43}O_{37}S_6$

Relative molecular mass

3371.00

Tests	Results	
Appearance	white lyophilisate	
Appearance of solution	clear, colorless solution (1 mg/mL in water)	
Identification (ESI-MS)	m = 3370.9u (average mass)	
Purity (HPLC)	96.1 % (TFA)	
	95.1 % (TEAP)	
Assay (elemental analysis)	82.6% (Nth 17.87%, Nfd 14.76%)	
Latest update: May 26, 2011		Analytical Data Sheet Lot number 1037025