

Analytical Data Sheet

Lot number

1024887

not for drug use

Catalog Number	H-4106.0001
Product number	4027973.0001
Product	Melanocyte Protein PMEL 17 (185- 193) (human, bovine, mouse) trifluoroacetate salt H- Ile- Thr- Asp- Gln- Val- Pro- Phe- Ser- Val- OH trifluoroacetate salt
Molecular formula	$C_{46}H_{72}N_{10}O_{15}$
Relative molecular mass	1005.14

Tests	Results
Appearance	White powder
Identification (FAB-MS)	[M + H] ⁺ : m/z = 1005 u
Amino acid analysis	Asx 1.00 (1) Phe 1.00 (1) Glx 1.06 (1) Ser 0.95 (1) Ile 0.96 (1) Val 1.88 (2) Thr 0.91 (1) Pro 0.96 (1)
Solubility	10 mg/ml in water
Purity (HPLC)	97.4% TFA 98.1% NaClO ₄
Assay (elemental analysis)	82.3% (Nth 13.93 %, Nfd 11.46 %)
Latest update: June 25, 2009	<div style="text-align: right;">Analytical Data Sheet Lot number 1024887</div>