

Analytical Data Sheet

Lot number **1000027310**
not for drug use

Catalog number **H-7514.0005**
Product number **4036091.0005**
Product **Penetratin trifluoroacetate salt**
H- Arg- Gln- Ile- Lys- Ile- Trp- Phe- Gln- Asn- Arg- Arg-
Met- Lys- Trp- Lys- Lys- NH₂ trifluoroacetate salt
Molecular formula **C₁₀₄H₁₆₉N₃₅O₁₉S**
Relative molecular mass **2245.78**

Tests	Results
Appearance	white powder
Identification (MALDI-MS)	2245.44
Amino acid analysis	Asx 1.13 (1) Lys 3.90 (4) Glx 2.19 (2) Trp* 1.64 (2) Met 0.96 (1) Arg 3.29 (3) Ile 1.46 (2) Phe 1.02 (1) *Partially destroyed during acid hydrolysis
Solubility	soluble in water at 1mg/mL
Purity (HPLC)	>95%
Assay (AAA)	70.6%

Latest update: January 17, 2020

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