

Analytical Data Sheet

Lot number **3016336**
not for drug use

Catalog number **H-8216.0500**
Product number **4101926.0500**
Product **Biotinyl- CBP501 Affinity Peptide trifluoroacetate salt**
Biotinyl- Asn- Ser- Asp- Cys- Ile- Ile- Ser- Arg- Lys- Ile- Glu- Gln- Lys- Glu- OH trifluoroacetate salt
Molecular formula $C_{78}H_{133}N_{23}O_{27}S_2$
Relative molecular mass 1889.19

Tests	Results
Appearance	white powder
Identification (MALDI-MS)	1889.67
Amino acid analysis	Asx 2.19 (2) Lys 1.89 (2) Ser 2.03 (2) Arg 0.99 (1) Glx 2.92 (3) Cys* 0.10 (1) Ile** 1.31 (3) *Partially destroyed during acid hydrolysis **Isoleucine value low due to the resistance of the Ile-Ile bond to acid hydrolysis
Solubility	soluble in 1% Acetic acid at 1mg/mL
Purity (HPLC)	95.0%
Assay (AAA)	75.2%

Latest update: September 23, 2016

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