

Analytical Data Sheet

Lot number **3016414**
not for drug use

Catalog number **H-8214.0005**
Product number **4101925.0005**
Product **CBP501 Affinity Peptide trifluoroacetate salt**
H- Asn- Ser- Asp- Cys- Ile- Ile- Ser- Arg- Lys- Ile- Glu-
Gln- Lys- Glu- OH trifluoroacetate salt
Molecular formula $C_{68}H_{119}N_{21}O_{25}S$
Relative molecular mass 1662.89

Tests	Results
Appearance	white powder
Identification (MALDI-MS)	1662.92
Amino acid analysis	Asx 2.15 (2) Lys 1.99 (2) Ser 2.04 (2) Arg 1.03 (1) Glx 2.83 (3) Cys* 0.05 (1) Ile** 1.56 (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)	95.2%
Assay (AAA)	66.7%

Latest update: September 21, 2016

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