

Analytical Data Sheet

Lot number **1000018885**
not for drug use

Catalog number **H-7636.0001**
Product number **4095648.0001**
Product **(Lys⁷) - Phalloidin trifluoroacetate salt**
Cyclo(- Ala- D- Thr- Cys- cis- Hyp- Ala- Trp- Lys)
trifluoroacetate salt
(Sulfide bond between Cys and indol- 2- yl)
Molecular formula **C₃₅H₄₉N₉O₉S**
Relative molecular mass **771.88**

Tests	Results
Appearance	off white lyophilized powder
Identification (ESI-MS)	m = 771.3u
Amino acid analysis	Ala 2.0 (2) Cys*1 0.0 (1) Lys 0.9 (1) Pro*2 0.0 (1) Trp*1 0.0 (1) Other*3 0.9 (1) *1 Cys and 2-mercapto-Trp were completely destroyed during hydrolysis *2 cis-4-hydroxy-Pro was not detected *3 D-Thr
Solubility	1 mg/mL in H ₂ O
Purity (HPLC)	96.8%
Peptide content	83.1%

Latest update: July 24, 2019

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