

## Analytical Data Sheet

Lot number **1000025238**  
not for drug use

**Catalog number** H-7628.0001  
**Product number** 4095645.0001  
**Product** ((R) - 4- Hydroxy- 4- methyl- Orn(TRITC) <sup>7</sup>) -  
**Phalloidin**  
Cyclo(- Ala- D- Thr- Cys- cis- Hyp- Ala- Trp- (4R) - 4-  
hydroxy- 4- Me- Orn(TRITC) )  
(Sulfide bond between Cys and indol- 2- yl)  
**Molecular formula** C<sub>60</sub>H<sub>70</sub>N<sub>12</sub>O<sub>13</sub>S<sub>2</sub>  
**Relative molecular mass** 1231.40

Tests	Results
<b>Appearance</b>	purple lyophilized powder
<b>Identification (ESI-MS)</b>	m = 1231.33u
<b>Amino acid analysis</b>	Ala 2.0 (2) div2 <sup>4</sup> 0.0 (1) Cys <sup>1</sup> 0.0 (1) Pro <sup>2</sup> 0.0 (1) Trp <sup>1</sup> 0.0 (1) div1 <sup>3</sup> 0.8 (1)  <sup>1</sup> Cys and 2-mercapto-Trp were completely destroyed during hydrolysis <sup>2</sup> cis-4-hydroxy-Pro was not detected <sup>3</sup> D-Thr <sup>4</sup> 4-hydroxy-5-amino-Leu was not detected
<b>Solubility</b>	1 mg/mL in 20% acetonitrile in water
<b>Purity (HPLC)</b>	97.1%
<b>Peptide content</b>	87.0%

Latest update: November 25, 2019

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