

Phalloidin

Cat. No.: HY-P0028
CAS No.: 17466-45-4
Batch No.: 394054
Chemical Name: Cyclo[L-alanyl-D-threonyl-L-cysteinyl-(4S)-4-hydroxy-L-prolyl-L-alanyl-2-mercapto-L-tryptophyl-(4R)-4,5-dihydroxy-L-leucyl], cyclic (3→6)-thioether

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{35}H_{48}N_8O_{11}S$
Molecular Weight: 788.87
Storage: Sealed storage, away from moisture and light
Powder -80°C 2 years
 -20°C 1 year
* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)

Chemical Structure:

A-(d-Thr)-C-(Hyp)-AWL (Sulfide bridge: Cys₃-Trp₆)

ANALYTICAL DATA

Appearance: White to off-white (Solid)
Purity (HPLC): 98.46%
Conclusion: The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

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