

Phalloidin, Actin-binding agent

Catalog	Unit
TBI2359-200UG	200 ug
TBI2359-1MG	1 mg

Product Details

Formal Name: Natural product from Amanita phalloides

Molecular Formula: C₃₅H₄₈N₈O₁₁S

Formula Weight: 788.9

CAS Number: 17466-45-4

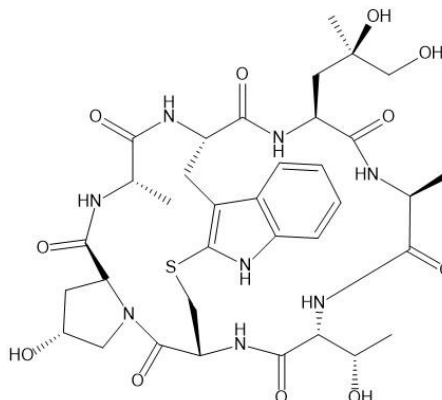
Purity: >98%

Formulation: Powder

Solubility: Soluble in Water (up to 1 mg/ml)

Storage: -20°C

Stability: ≥ 2 years.



Applications

Actin-binding agent

Functions

Bicyclic heptapeptide that binds to filamentous actin, promoting and stabilizing polymerization. Reverses actin destabilization by cytochalasin B², and modifies branch formation / deformation mediated by Arp2/3 complex. Immobilized phalloidin can be used for biochemical isolation of F-actin and F-actin binding proteins.

Application Procedures

First dissolved in Water (up to 1 mg/ml), then diluted to aqueous buffer. Solutions in water may be stored at -20°C for up to 3 months.

For research use only.