

Colchicine, Microtubule depolymerizing agent

Catalog	Unit
TBI2310-500MG	500 mg
TBI2310-2G	2 g

Product Details

Formal Name: (S)-N-(5,6,7,9-Tetrahydro-1,2,3,10-tetramethoxy-9-oxobenzo[a]heptalen-7-yl)acetamide

Molecular Formula: C₂₂H₂₅NO₆

Formula Weight: 399.45

CAS Number: 64-86-8

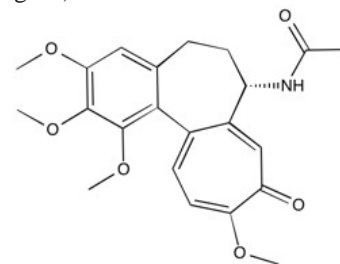
Purity: >98%

Formulation: powder

Solubility: Soluble in DMSO (up to 25 mg/ml), in Water (up to 25 mg/ml) or in Ethanol (up to 25 mg/ml).

Storage: RT

Stability: ≥ 2 years.



Applications

Microtubule depolymerizing agent

Functions

A naturally occurring alkaloid which acts as an antimitotic agent by binding to tubulin and depolymerizing microtubules. Induces apoptosis in a variety of cell lines.

Application Procedures

First dissolved in DMSO (up to 25 mg/ml), in Water (up to 25 mg/ml) or in Ethanol (up to 25 mg/ml), then diluted to aqueous buffer. Solutions in DMSO, ethanol or distilled water may be stored at -20° for up to 3 months.

For research use only.