# Colchicine

## Inhibitor of tubulin polymerization

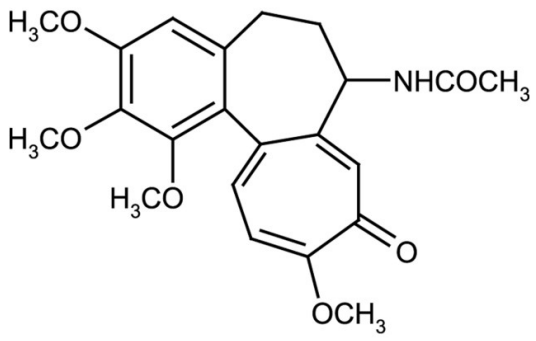
Depolymerizes microtubules and inhibits tubulin polymerization. Induces apoptosis in a variety of cells.

**Citations:** 20 View Online »

## Ordering Information Order Online »

| | |
|---|---|
| **ALX-380-033-G001** | 1g |

## Manuals, SDS & CofA View Online »

| | |
|---|---|
|  | |

H3CO
H3CO
H3CO
NHCOCH3
O
OCH3

## Handling & Storage

| | |
|---|---|
| **Use/Stability** | As indicated on product label or CoA when stored as recommended. |
| **Handling** | Protect from light and moisture. |
| **Long Term Storage** | +4°C |
| **Shipping** | Ambient Temperature |

## Regulatory Status

RUO - Research Use Only

## Product Details

| | |
|---|---|
| **Appearance** | White to off-white solid. |
| **CAS** | 64-86-8 |
| **Formula** | $C_{22}H_{25}NO_6$ |
| **MI** | **14:** 2471 |
| **MW** | 399.4 |
| **Purity** | ≥94% (HPLC) |
| **RTECS** | GH0700000 |
| **Solubility** | Soluble in DMSO (14mg/ml), 100% ethanol (7mg/ml), water (7mg/ml) or dimethylformamide (12mg/ml). |
| **Source** | Isolated from *Colchicum autumnale*. |

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