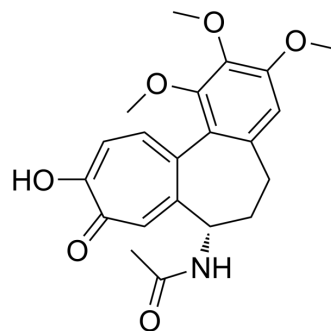


## Colchiceine

Cat. No.:	HY-127166
CAS No.:	477-27-0
Molecular Formula:	C <sub>21</sub> H <sub>23</sub> NO <sub>6</sub>
Molecular Weight:	385.41
Target:	Microtubule/Tubulin
Pathway:	Cell Cycle/DNA Damage; Cytoskeleton
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Colchiceine is one of several metabolites of the anti-gout medication Colchicine (HY-16569). Colchicine is a tubulin inhibitor and a microtubule disrupting agent, and may protect rats from developing liver injury and fibrosis<sup>[1][2][3]</sup>.

### REFERENCES

- [1]. Rodríguez L, et al. Effects of colchicine and colchiceine in a biochemical model of liver injury and fibrosis. Arch Med Res. 1998;29(2):109-116.
- [2]. Edström A, et al. Inhibition of fast axonal transport and microtubule polymerization in vitro by colchicine and colchiceine. Acta Physiol Scand. 1979;107(3):233-237.
- [3]. Nava-Ocampo AA, et al. Effect of colchiceine and ursodeoxycholic acid on hepatocyte and erythrocyte membranes and liver histology in experimentally induced carbon tetrachloride cirrhosis in rats. Eur J Clin Invest. 1997;27(1):77-84.

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

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