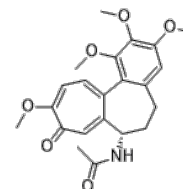


Product Name : Colchicine
Cat. No. : PC-27335
CAS No. : 64-86-8
Molecular Formula : C₂₂H₂₅NO₆
Molecular Weight : 399.44
Target : Microtubule/Tubulin
Solubility : 10 mM in DMSO



Biological Activity

Colchicine is an orally active alkaloid and potent tubulin inhibitor and a microtubule disrupting agent, inhibits microtubule polymerization with IC₅₀ of 3 nM, also is a competitive antagonist of the α₃ glycine receptors (GlyRs).

References

- Bonfoco E, et al. Exp Cell Res. 1995 May;218(1):189-200.
Otani K, et al. Sci Rep. 2016 Sep 2;6:32587.
Carola Muñoz-Montesino, et al. Front Pharmacol. 2020 Jul 30;11:1143.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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