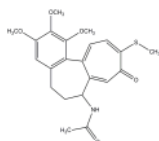


**PRODUCT: Thiocolchicine****ALTERNATE NAME:** 10-Demethoxy-10-methylthiocolchicine; NSC 186301**CATALOG #:** 2213-5, 25**AMOUNT:** 5 mg, 25 mg**STRUCTURE:****MOLECULAR FORMULA:** C<sub>22</sub>H<sub>25</sub>NO<sub>5</sub>S**MOLECULAR WEIGHT:** 415.50**CAS NUMBER:** 2730-71-4**APPEARANCE:** Yellow solid**SOLUBILITY:** DMSO**PURITY:** ≥95% by NMR**STORAGE:** Store at -20 °C. Protect from light and moisture**DESCRIPTION:** An antimitotic alkaloid. Tubulin polymerization and microtubule assembly inhibitor and axonal cytoskeleton modulator; apoptosis inducer. Thiocolchicine-dimers were shown to be potent topoisomerase I inhibitors.**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.**RELATED PRODUCTS:**Colchicine (**Cat. No. 1519-1000**)Epothilone B (**Cat. No. 2012-1, 5**)Ilimaquinone (**Cat. No. 2038-100**)Nocodazole (**Cat. No. 2185-10, 50**)Paclitaxel (**Cat. No. 1567-25**)Vinorelbine Tartrate (**Cat. No. 1957-5, 25**)**USAGE:** *FOR RESEARCH CH USE ONLY! Not to be used in humans*