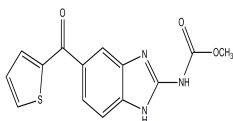


PRODUCT: Nocodazole**ALTERNATE NAME:** 5-(2-Thienylcarbonyl)-1H-benzimidazol-2-yl]carbonic acid, methyl ester**CATALOG #:** 2185-10, 50**AMOUNT:** 10 mg, 50 mg**STRUCTURE:****MOLECULAR FORMULA:** C₁₄H₁₁N₃O₃S**MOLECULAR WEIGHT:** 301.32**CAS NUMBER:** 31430-18-9**APPEARANCE:** Pale yellow solid**SOLUBILITY:** DMSO (100 mM)**PURITY:** ≥95% by HPLC**STORAGE:** Store at -20 °C. Protect from air and light**DESCRIPTION:** A microtubule inhibitor; inhibits mitosis. Disrupts microtubules by binding to β-tubulin and preventing formation of one of the two interchain disulfide linkages, thus inhibiting microtubule dynamics, disruption of mitotic spindle function, and fragmentation of the Golgi complex. Arrests the cell cycle at G₂/M phase. Also inhibits autophagosome-lysosome fusion.**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**)Paclitaxel (**Cat. No. 1567-25**)Vinorelbine Tartrate (**Cat. No. 1957-5, 25**)**USAGE:** *FOR RESEARCH CH USE ONLY! Not to be used in humans*