

Nocodazole

Cat. No. CEI-0564

Lot. No. (See product label)

Introduction

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.

Product Information

Appearance White to off-white solid

CAS No. 31430-18-9

Molecular Formula C 14 H 11 N 3 O 3 S

Chemical Name 5-(2-Thienylcarbonyl)-1H-benzimidazol-2-yl]carbonic acid, methyl ester

Molecular Weight 391.51

Purity >98% by NMR

Targets Microtubule

Solubility DMSO (>30 mg/ml) and Ethanol

Storage and Shipping Information

Storage -20 centigrade

Shipping Conditions Gel pack