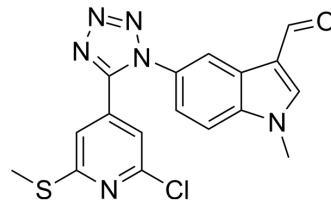


Tubulin inhibitor 38

Cat. No.:	HY-149376
Molecular Formula:	C ₁₇ H ₁₃ ClN ₆ OS
Molecular Weight:	384.84
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

Tubulin inhibitor 38 (compound 14) is a tetrazole-based Tubulin inhibitor with antiproliferative potencies. Tubulin inhibitor 38 (100 nM×24 h) mediates mitotic arrest×blocks cell cycle at G2/M phase and induces apoptosis. Tubulin inhibitor 38 exhibits high cytotoxicity with high selectivity index among HeLa×MCF7×and U87 MG cells^[1].

REFERENCES

[1]. Gallego-Yerga L, et al. Novel Tetrazole Derivatives Targeting Tubulin Endowed with Antiproliferative Activity against Glioblastoma Cells. *Int J Mol Sci.* 2023 Jul 4;24(13):11093.

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

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