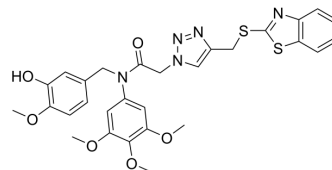


Tubulin polymerization-IN-58

Cat. No.:	HY-162126
Molecular Formula:	C ₂₉ H ₂₉ N ₅ O ₆ S ₂
Molecular Weight:	607.7
Target:	Microtubule/Tubulin; YAP
Pathway:	Cell Cycle/DNA Damage; Cytoskeleton; Stem Cell/Wnt
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Tubulin polymerization-IN-58 (Compound K18) is a tubulin polymerization inhibitor with an IC₅₀ of 0.446 μM. Tubulin polymerization-IN-58 also induces the degradation of oncogenic protein YAP via the UPS pathway, thus can be used for cancer research^[1].

REFERENCES

[1]. Wu BW, et al. Design, synthesis and biological evaluation of 1,2,3-triazole benzothiazole derivatives as tubulin polymerization inhibitors with potent anti-esophageal cancer activities. *Eur J Med Chem.* 2024 Feb 5;265:116118.

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

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