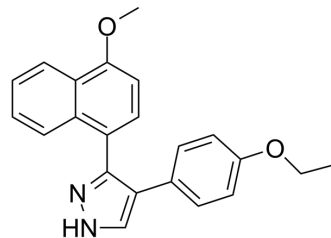


Tubulin polymerization-IN-27

Cat. No.:	HY-147848
CAS No.:	2462030-32-4
Molecular Formula:	C ₂₂ H ₂₀ N ₂ O ₂
Molecular Weight:	344.41
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 polymerization-IN-27 (compound 5j) is a tubulin polymerization inhibitor. Tubulin polymerization-IN-27 can arrest cell cycle at G2/M phase and induce apoptosis^[1].

REFERENCES

[1]. Wang G, et, al. Design, synthesis, molecular modeling, and biological evaluation of pyrazole-naphthalene derivatives as potential anticancer agents on MCF-7 breast cancer cells by inhibiting tubulin polymerization. *Bioorg Chem.* 2020 Oct;103:104141.

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

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