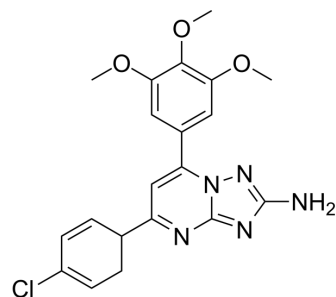


Tubulin polymerization-IN-3

Cat. No.:	HY-145868
Molecular Formula:	C ₂₀ H ₂₀ ClN ₅ O ₃
Molecular Weight:	413.86
Target:	Microtubule/Tubulin; Apoptosis
Pathway:	Cell Cycle/DNA Damage; Cytoskeleton; Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Tubulin polymerization-IN-3 (compound 4c) is a potent tubulin polymerization inhibitor, with an IC₅₀ of 3.84 μM. Tubulin polymerization-IN-3 can induce apoptosis in colon cancer cells^[1].

REFERENCES

[1]. Mohamed HS, et, al. Design, synthesis, biological assessment, and in-Silico studies of 1,2,4-triazolo[1,5-a]pyrimidine derivatives as tubulin polymerization inhibitors. Bioorg Chem. 2022 Apr;121:105687.

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

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