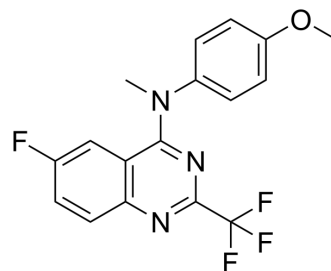


Tubulin polymerization-IN-43

Cat. No.:	HY-149363
CAS No.:	2773345-90-5
Molecular Formula:	C ₁₇ H ₁₃ F ₄ N ₃ O
Molecular Weight:	351.3
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-43 (compound 15h) is a tubulin polymerization inhibitor. Tubulin polymerization-IN-43 disrupts cellular microtubule networks by targeting the Colchicine (HY-16569) site, and promotes cell cycle arrest of leukemia cells at G2/M phase and cell apoptosis, as well as inhibiting angiogenesis^[1].

REFERENCES

[1]. Wu H, et, al. Discovery of novel N-aryl-2-trifluoromethyl-quinazoline-4-amine derivatives as the inhibitors of tubulin polymerization in leukemia cells. *Eur J Med Chem.* 2023 Aug 5;256:115470.

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

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