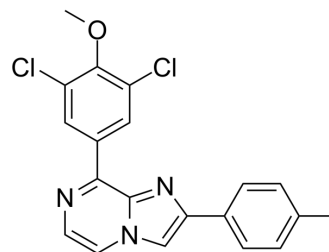


Tubulin polymerization-IN-48

Cat. No.:	HY-155963
CAS No.:	2982893-22-9
Molecular Formula:	C ₂₀ H ₁₅ Cl ₂ N ₃ O
Molecular Weight:	384.26
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-48 (Compound 4k) is a tubulin polymerization inhibitor. Tubulin polymerization-IN-48 has a moderate effect on disruption of the microtubule network. Tubulin polymerization-IN-48 inhibits neuroblastoma cancer cell proliferation, with IC₅₀s of 79 and 165 nM for Chp-134 and Kelly cell line^[1].

REFERENCES

[1]. Joshua Thammathong, et al. Fused Imidazopyrazine-Based Tubulin Polymerization Inhibitors Inhibit Neuroblastoma Cell Function. ACS Med. Chem. Lett. 2023.

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

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