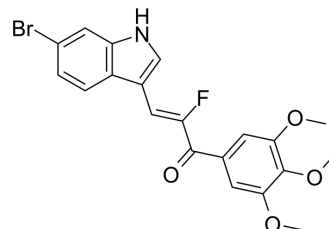


Tubulin inhibitor 22

Cat. No.:	HY-144797
Molecular Formula:	C ₂₀ H ₁₇ BrFNO ₄
Molecular Weight:	434.26
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 inhibitor 22 (compound 4c) is a potent inhibitor of tubulin with anti-angiogenesis and anti-cancer properties. Tubulin inhibitor 22 arrests MGC-803 cell cycle at G₂/M phase. Tubulin inhibitor 22 dose-dependently causes Caspase-induced apoptosis of MGC-803 cells through mitochondrial dysfunction^[1].

REFERENCES

[1]. Sun M, et al. Identification of novel non-toxic and anti-angiogenic α -fluorinated chalcones as potent colchicine binding site inhibitors. *J Enzyme Inhib Med Chem.* 2022;37(1):339-354.

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

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