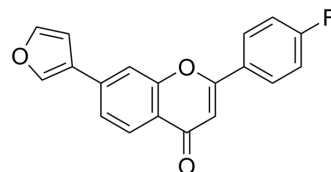


Tubulin/PARP-IN-2

Cat. No.:	HY-157320
Molecular Formula:	C ₁₉ H ₁₁ FO ₃
Molecular Weight:	306.29
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/PARP-IN-2 (compound 14) is a dual PARP-Tubulin inhibitor. Tubulin/PARP-IN-2 inhibits PARP1, PARP2, and tubulin activity with IC₅₀ values of 74 nM, 109 nM, and 1.4 μM, respectively. Tubulin/PARP-IN-2 induces apoptosis as well as autophagy. Tubulin/PARP-IN-2 causes cell cycle arrest at the G2/M phase^[1].

REFERENCES

[1]. Sachin Sharma, et al. Flavone-based dual PARP-Tubulin inhibitor manifesting efficacy against endometrial cancer. J Enzyme Inhib Med Chem. 2023, 38, 1.

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

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