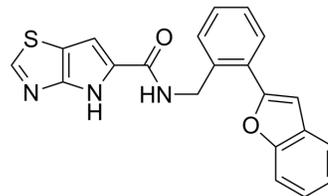


Microtubule inhibitor 8

Cat. No.:	HY-161075
CAS No.:	2310293-81-1
Molecular Formula:	C ₂₁ H ₁₅ N ₃ O ₂ S
Molecular Weight:	373.43
Target:	Microtubule/Tubulin; Ferroptosis
Pathway:	Cell Cycle/DNA Damage; Cytoskeleton; Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Microtubule inhibitor 8 (MP-HJ-1b) is a potent inhibitor of microtubule. Microtubule inhibitor 8 triggers cell death through ferroptosis. Microtubule inhibitor 8 has anti-tumor effect^{[1][2]}.

REFERENCES

[1]. Nannan Ning, et al. A Novel Microtubule Inhibitor Overcomes Multidrug Resistance in Tumors. *Cancer Res.* 2018 Oct 15;78(20):5949-5957.

[2]. Nannan Ning, et al. A novel microtubule inhibitor promotes tumor ferroptosis by attenuating SLC7A11/GPX4 signaling. *Cell Death Discov.* 2023 Dec 13;9(1):453.

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

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