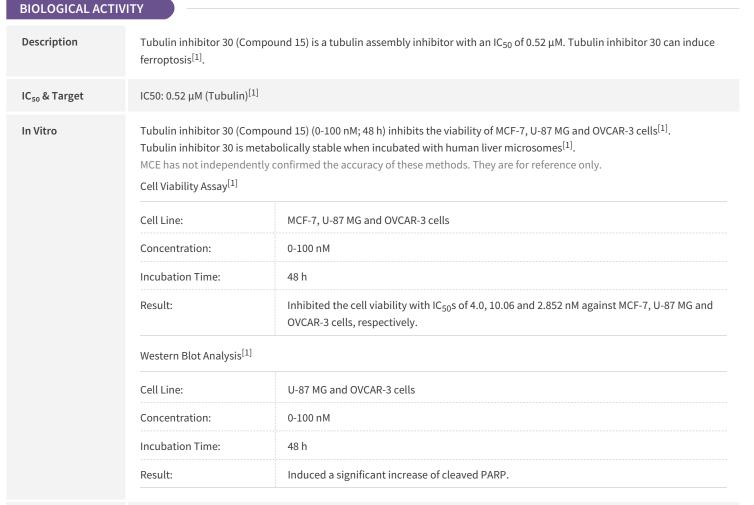
Tubulin inhibitor 30

Cat. No.:	HY-151879	
CAS No.:	2873383-67-4	
Molecular Formula:	C ₂₂ H ₁₉ N ₃ O ₅	
Molecular Weight:	405.4	
Target:	Microtubule/Tubulin; Ferroptosis	
Pathway:	Cell Cycle/DNA Damage; Cytoskeleton; Apoptosis	N
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.	



In Vivo

Tubulin inhibitor 30 (Compound 15) (25mg/kg; i.p.; every 2 days) inhibits the in vivo tumorigenicity of the human GBM cell line U-87 MG and the human OC cell line SKOV-3, and causes oxidative stress injury and Fe²⁺ accumulation in mice^[1]. MCE has not independently confirmed the accuracy of these methods. They are for reference only.



Animal Model:	BALB/C ^{nu/nu} mice, U-87 MG or SKOV-3 model ^[1]
Dosage:	25 mg/kg
Administration:	Intraperitoneal injection, every 2 days
Result:	Inhibited tumorigenicity and tumor volume. Caused oxidative stress injury and Fe ²⁴ accumulation.

REFERENCES

[1]. Puxeddu M, et al. Induction of Ferroptosis in Glioblastoma and Ovarian Cancers by a New Pyrrole Tubulin Assembly Inhibitor. J Med Chem. 2022 Nov 17.

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

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