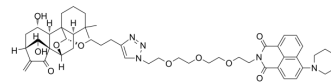


Anticancer agent 39

Cat. No.:	HY-115980
CAS No.:	2762426-00-4
Molecular Formula:	C ₅₀ H ₆₅ N ₅ O ₁₀
Molecular Weight:	896.08
Target:	Apoptosis
Pathway:	Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Anticancer agent 39 (compound B12), a fluorescent derivative of Jiyuan Oridonin A (JOA), induces the collapse of mitochondrial membrane potential (MMP) and thus induced apoptosis. Anticancer agent 39 inhibits cell cloning and migration. Anticancer agent 39 exhibits promising anti-proliferative activity against HGC-27 cells with IC₅₀ value of 0.39 μM^[1].

REFERENCES

[1]. Chen Zhou, et al. Synthesis, biological evaluation and cellular localization study of fluorescent derivatives of Jiyuan Oridonin A. Eur J Med Chem. 2022 Feb 5;229:114048.

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

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