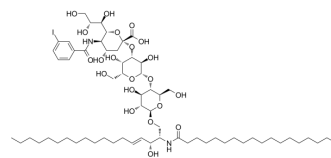


## Antitumor agent-41

Cat. No.:	HY-144125
Molecular Formula:	C <sub>64</sub> H <sub>109</sub> N <sub>2</sub> O <sub>21</sub>
Molecular Weight:	1369.46
Target:	Apoptosis
Pathway:	Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

<b>Description</b>	Antitumor agent-41 (compound N-12), a potent antitumor agent, exhibits excellent antimigration and anti-invasion activity. Antitumor agent-41 (compound N-12) induces tumor inhibition via tumor necrosis and inflammatory response <sup>[1]</sup> .
<b>In Vitro</b>	Antitumor agent-41 (compound N-12) has obvious inhibitory activity on invasion at a concentration of 50 μM on A431 cell, and the inhibition rate was 36.6 ± 13.9% <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.
<b>In Vivo</b>	The half-life (T <sub>1/2</sub> ) of antitumor-41 (compound N-12) is 56.80 h and systemic plasma clearance (CL) is 0.029 mL/h/mg. <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

[1]. Juntao Wang, et al. One-Pot Enzymatic Synthesis and Biological Evaluation of Ganglioside GM3 Derivatives as Potential Cancer Immunotherapeutics. J Med Chem. 2022 Feb 10;65(3):1883-1897.

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

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