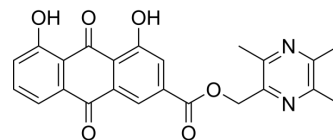


Antiproliferative agent-20

Cat. No.:	HY-142085
CAS No.:	1344715-94-1
Molecular Formula:	C ₂₃ H ₁₈ N ₂ O ₆
Molecular Weight:	418.4
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Antiproliferative agent-20 is a potent and orally active anticancer agent. Antiproliferative agent-20 exhibits antiproliferative and anti-angiogenic activities ^[1] .
In Vitro	Antiproliferative agent-20 (compound 5) (3.125 -50.0 μM; 24-96 h) inhibits the proliferation of Bel-7402 cells in a dose-dependent manner ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.
In Vivo	Antiproliferative agent-20 (10-40 μg/egg) inhibits the angiogenesis of the chick chorioallantoic membrane (CAM) ^[1] . Antiproliferative agent-20 (3.2 g/kg; p.o.) shows no deaths or signs of toxicity in mice during two weeks ^[1] . Antiproliferative agent-20 (24 h) does not be hydrolyzed in 37°C artificial gastric juice and artificial intestinal liquid ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. WANG PL, et, al. Synthesis and Antitumor Evaluation of One Novel Tetramethylpyrazine-Rhein Derivative. Asian Journal of Chemistry (2013), 25(9), 4885-4888.

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

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