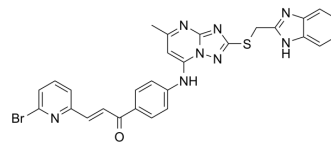


Antiproliferative agent-5

Cat. No.:	HY-146390
CAS No.:	2459892-41-0
Molecular Formula:	C ₂₈ H ₂₁ BrN ₈ OS
Molecular Weight:	597.49
Target:	Autophagy; Reactive Oxygen Species
Pathway:	Autophagy; Immunology/Inflammation; Metabolic Enzyme/Protease; NF-κB
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Antiproliferative agent-5 (compound 4o) can significantly and irreversibly inhibit proliferation of gastric cancer cells. Antiproliferative agent-5 causes the G2/M phase arrest, and induces ROS accumulation and activation of autophagy. Antiproliferative agent-5 can be used for researching anticancer ^[1] .
IC₅₀ & Target	ROS, Autophagy ^[1]

REFERENCES

[1]. Wang S, et al. Discovery of new [1,2,4] Triazolo[1,5-a]Pyrimidine derivatives that Kill gastric cancer cells via the mitochondria pathway. Eur J Med Chem. 2020;203:112630.

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

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