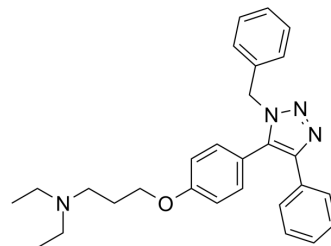


Antiproliferative agent-7

Cat. No.:	HY-146103
CAS No.:	2497687-47-3
Molecular Formula:	C ₂₈ H ₃₂ N ₄ O
Molecular Weight:	440.58
Target:	Apoptosis; Reactive Oxygen Species
Pathway:	Apoptosis; 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-7 (compound 8f) is a potent anti-proliferative agent. Antiproliferative agent-7 has antiproliferative activity against cancer cell lines MCF-7, MDA-MB-231, HCT-116 and FR-2 with IC ₅₀ s of 3.5 μM, 15.54 μM, 30.43 μM and 34.8 μM, respectively. Antiproliferative agent-7 can increase ROS production and induce apoptosis ^[1] .
IC₅₀ & Target	IC ₅₀ : 3.5 μM (MCF-7), 15.54 μM (MDA-MB-231), 30.43 μM (HCT-116), 34.8 μM (FR-2) ^[1]

REFERENCES

[1]. Dheer D, et al. Design, synthesis and comparative analysis of triphenyl-1,2,3-triazoles as anti-proliferative agents. Eur J Med Chem. 2020 Dec 1;207:112813.

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

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