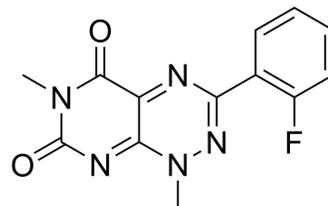


Anticancer agent 188

Cat. No.:	HY-162276
CAS No.:	1207377-56-7
Molecular Formula:	C ₁₃ H ₁₀ FN ₅ O ₂
Molecular Weight:	287.25
Target:	Reactive Oxygen Species; DNA/RNA Synthesis
Pathway:	Immunology/Inflammation; Metabolic Enzyme/Protease; NF-κB; Cell Cycle/DNA Damage
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Anticancer agent 188 (compound D43) inhibits DNA synthesis in TNBC cells, leading to cell cycle arrest at the G2/M phase. Anticancer agent 188 has anti-cancer viability by inducing ROS-mediated apoptosis and DNA damage^[1].

REFERENCES

[1]. Tingyue Wu, et al. Toxoflavin analog D43 exerts antiproliferative effects on breast cancer by inducin. *Sci Rep.* 2024, 14, 1.

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

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