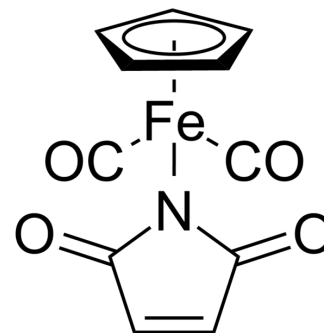


Anticancer agent 196

Cat. No.:	HY-158019
Molecular Formula:	C ₁₁ H ₇ FeNO ₄
Molecular Weight:	273.02
Target:	DNA/RNA Synthesis
Pathway:	Cell Cycle/DNA Damage
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Anticancer agent 196 (compound 1) shows cell cytotoxicity with IC ₅₀ values of 7.69 μM and 54.2 μM for HL-60 cells and A549 cells, respectively. Anticancer agent 196 can induce DNA damage ^[1] .
In Vitro	Anticancer agent 196 (compound 1) (5-50 μM, 2 h) induces DNA damage in HL-60 cells, and induces 25% DNA in tail at 50 μM ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Das S, et al. Synthesis, anticancer activity, and molecular docking of half-sandwich iron(II) cyclopentadienyl complexes with maleimide and phosphine or phosphite ligands. *Sci Rep.* 2024;14(1):5634. Published 2024 Mar 7.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA