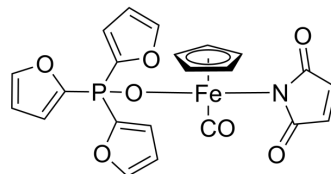


## Anticancer agent 197

Cat. No.:	HY-158020
Molecular Formula:	C <sub>22</sub> H <sub>16</sub> FeNO <sub>7</sub> P
Molecular Weight:	493.18
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 197 (compound 2b) shows cell cytotoxicity with IC<sub>50</sub> values of 10.03 μM and 73.54 μM for HL-60 cells and A549 cells, respectively. Anticancer agent 197 can induce DNA damage<sup>[1]</sup>.

### 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.**

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