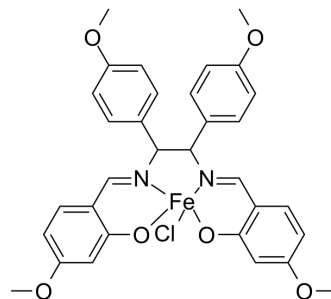


## Anticancer agent 178

Cat. No.:	HY-162046
Molecular Formula:	C <sub>32</sub> H <sub>30</sub> ClFeN <sub>2</sub> O <sub>6</sub>
Molecular Weight:	629.89
Target:	Necroptosis; Ferroptosis
Pathway:	Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Anticancer agent 178 (compound C2) is a potent anticancer agent. Anticancer agent 178 inhibits MDA-MB 231 cells proliferation and metabolic activity with IC<sub>50</sub>s of 1.1 and 4.2 μM. Anticancer agent 178 induces ferroptosis and necroptosis in cells<sup>[1]</sup>.

### REFERENCES

[1]. Bernkop-Schnürch A D, et al. Design, Synthesis, Electrochemical, and Biological Evaluation of Fluorescent Chlorido [N, N'-bis (methoxy/hydroxy) salicylidene-1, 2-bis (4-methoxyphenyl) ethylenediamine] iron (III) Complexes as Anticancer Agents[J]. Journal of Medicinal Chemistry, 2023.

**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