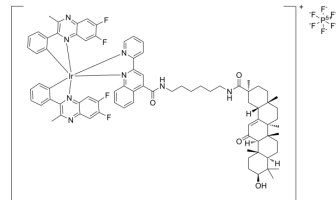


## Anticancer agent 175

Cat. No.:	HY-163077
Molecular Formula:	$C_{81}H_{86}F_{10}IrN_8O_4P^-$
Molecular Weight:	1648.78
Target:	Reactive Oxygen Species; Apoptosis
Pathway:	Immunology/Inflammation; Metabolic Enzyme/Protease; NF-κB; Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Anticancer agent 175 (complex 1) is a near-infrared (NIR) luminescent theranostic complex. Anticancer agent 175 induces ROS accumulation, mitochondrial damage, disruption of Bax/Bcl-2 equilibrium, and tumor cell apoptosis in HepG2 cell line [1].

### REFERENCES

[1]. Wang L, et al. A glycyrrhetic acid-iridium(III) conjugate as a theranostic NIR probe for hepatocellular carcinoma with mitochondrial-targeting ability. *Eur J Med Chem.* Published online November 25, 2023.

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

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