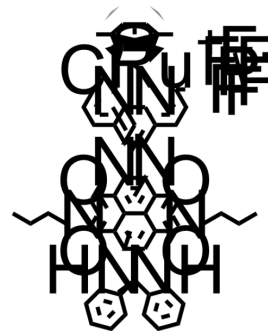


Apoptosis inducer 13

Cat. No.:	HY-155023
Molecular Formula:	$C_{59}H_{54}ClF_6N_8O_4PRu$
Molecular Weight:	1220.6
Target:	Apoptosis; Reactive Oxygen Species
Pathway:	Apoptosis; Immunology/Inflammation; Metabolic Enzyme/Protease; NF- κ B
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Apoptosis inducer 13 (Compound Ru4) can induce cancer cell apoptosis, and inhibits cancer cell migration and invasion. Apoptosis inducer 13 converts coenzyme NADH to NAD⁺, and increases intracellular ROS levels^[1].

REFERENCES

[1]. Yang Y, et al. Naphthalene Diimide-Functionalized Half-Sandwich Ru(II) Complexes as Mitochondria-Targeted Anticancer and Antimetastatic Agents. *Inorg Chem.* 2023 Jun 19;62(24):9649-9660.

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

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