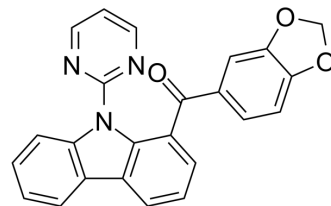


Antitumor agent-44

Cat. No.:	HY-144361
CAS No.:	1811548-74-9
Molecular Formula:	C ₂₄ H ₁₅ N ₃ O ₃
Molecular Weight:	393.39
Target:	Apoptosis
Pathway:	Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Antitumor agent-44 (Compound 5n) disrupts the mitochondrial homeostasis, induces cell cycle arrest and apoptosis in human adenocarcinoma cells. Antitumor agent-44 (Compound 5n) possesses good anti-tumor activity in a lung-cancer-cell xenograft mice model^[1].

REFERENCES

[1]. Xiao-Xuan Su, et al. Design, synthesis, and evaluation of 9-(pyrimidin-2-yl)-9H-carbazole derivatives disrupting mitochondrial homeostasis in human lung adenocarcinoma. *Eur J Med Chem.* 2022 Mar 15;232:114200.

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

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