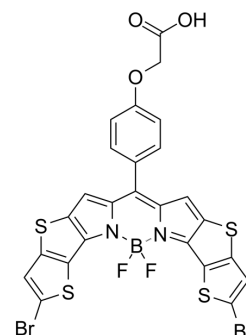


Antitumor agent-126

Cat. No.:	HY-157317
CAS No.:	3014356-10-3
Molecular Formula:	C ₂₅ H ₁₁ BBr ₂ F ₂ N ₂ O ₃ S ₄
Molecular Weight:	724.24
Target:	Apoptosis
Pathway:	Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Antitumor agent-126 (Compound II4) is a photoactive (IC₅₀= 0.149) anticancer agent with significant near-infrared fluorescence emission at 650-760 nm. Antitumor agent-126 has antiproliferative activity and can induce apoptosis after laser irradiation. Antitumor agent-126 effectively inhibits tumor growth in mouse xenograft models exposed to 650 nm laser irradiation. Antitumor agent-126 can be used in cancer research^[1].

REFERENCES

[1]. Cao N, et al. Synthesis and evaluation of novel meso-substitutedphenyl dithieno[3,2-b]thiophene-fused BODIPY derivatives as efficient photosensitizers for photodynamic therapy. Eur J Med Chem. 2023 Nov 30;264:116012.

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

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