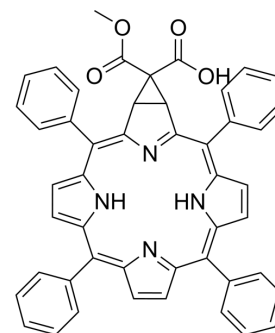


Antitumor photosensitizer-3

Cat. No.:	HY-147521
Molecular Formula:	C ₄₈ H ₃₄ N ₄ O ₄
Molecular Weight:	730.81
Target:	Necroptosis
Pathway:	Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Antitumor photosensitizer-3 (Compound I) is a chlorin derivative. Antitumor photosensitizer-3 induces tumor cells apoptosis and necrosis under 650 nm laser irradiation. Antitumor photosensitizer-3 exhibits lower skin photo-toxicity than positive reference m-THPC *in vivo*^[1].

REFERENCES

[1]. Gao YH, et al. Synthesis and pharmacological evaluation of chlorin derivatives for photodynamic therapy of cholangiocarcinoma. *Eur J Med Chem.* 2020 Mar 1;189:112049.

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

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