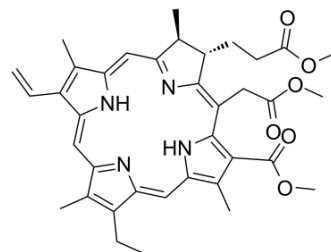


Chlorin e6 trimethyl ester

Cat. No.:	HY-137475
CAS No.:	35038-32-5
Molecular Formula:	C ₃₇ H ₄₂ N ₄ O ₆
Molecular Weight:	638.75
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Chlorin e6 trimethyl ester, a methyl pheophorbide-a derivative, is a photosensitizer that can be used in photodynamic therapy (PDT) ^{[1][2]} .
In Vivo	Chlorin e6 trimethyl ester (5 mg/kg; i.p.) has no tumoricidal activity in mice ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

- [1]. Pandey RK, et, al. Chlorin and porphyrin derivatives as potential photosensitizers in photodynamic therapy. *Photochemistry and Photobiology*. 1991. 53(1):65-72.
- [2]. Bauer D, et, al. Functionalization of chlorin e6 trimethylester towards potential amphiphilic photosensitizers for photodynamic therapy. *Journal of Porphyrins and Phthalocyanines*. 2019. 23(3): 243-250.

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

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