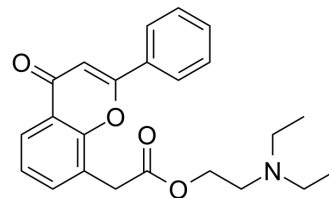


LM985

Cat. No.:	HY-U00379
CAS No.:	87626-56-0
Molecular Formula:	C ₂₃ H ₂₅ NO ₄
Molecular Weight:	379.45
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	LM985 is one of a series of compounds based on the flavone ring structure, with anti-tumor activities.
In Vitro	LM985 shows inhibitory effects against MAC 13 cells, but MAC 15A cells are less sensitive to LM985 ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.
In Vivo	LM985 (200 mg/kg, s.c.) shows moderate activity against MAC 13, and after repeated injection 7 days, responses are considerably enhanced ^[2] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

- [1]. M. C. Bibby, et al. Factors involved in the anti-cancer activity of the investigational agents LM985 (flavone acetic acid ester) and LM975 (flavone acetic acid). *Br J Cancer*. 1987 Feb; 55(2): 159-163.
- [2]. J. A. Double, et al. Pharmacokinetics and anti-tumour activity of LM985 in mice bearing transplantable adenocarcinomas of the colon. *Br J Cancer*. 1986 Oct; 54(4): 595-600.

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

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