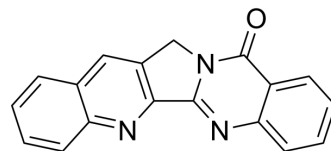


Luotonin A

Cat. No.:	HY-119458
CAS No.:	205989-12-4
Molecular Formula:	C ₁₈ H ₁₁ N ₃ O
Molecular Weight:	285.3
Target:	Topoisomerase; TMV; Fungal
Pathway:	Cell Cycle/DNA Damage; Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Luotonin A is an antiviral and antiphytopathogenic fungus agent. Luotonin A has good antiviral activity against tobacco mosaic virus (TMV). Luotonin A also has certain inhibitory activity on topoisomerase I and topoisomerase II. Luotonin A shows antitumor activity^{[1][2]}.

REFERENCES

- [1]. Hao Y, et al. Luotonin A and Its Derivatives as Novel Antiviral and Antiphytopathogenic Fungus Agents. *J Agric Food Chem.* 2020 Aug 19;68(33):8764-8773.
- [2]. Cagir A, et al. A naturally occurring human DNA topoisomerase I poison. *J Am Chem Soc.* 2003 Nov 12;125(45):13628-9.

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

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