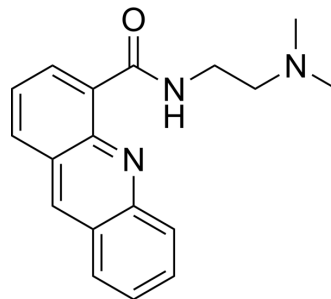


DACA

Cat. No.:	HY-100777
CAS No.:	89459-25-6
Molecular Formula:	C ₁₈ H ₁₉ N ₃ O
Molecular Weight:	293.36
Target:	Topoisomerase
Pathway:	Cell Cycle/DNA Damage
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

DACA inhibits two essential nuclear enzymes in vitro, DNA topoisomerase I and DNA topoisomerase (topo) II. DACA stabilises topo I, topo II alpha, and topo II beta cleavable complexes in human leukaemia CCRF-CEM cells^[1].

REFERENCES

[1]. Padgett K, et al. An investigation into the formation of N-[2-(dimethylamino)ethyl]acridine-4-carboxamide (DACA) and 6-[2-(dimethylamino)ethylamino]-3-hydroxy-7H-indeno[2,1-C]quinolin-7-one dihydrochloride (TAS-103) stabilised DNA topoisomerase I and II cleavable complexes in human leukaemia cells. *Biochem Pharmacol.* 2000;60(6):817-821.

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

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