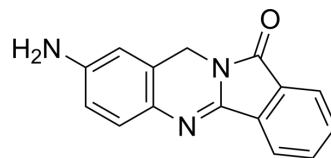


Batracylin

Cat. No.:	HY-119892
CAS No.:	67199-66-0
Molecular Formula:	C ₁₅ H ₁₁ N ₃ O
Molecular Weight:	249.27
Target:	Topoisomerase
Pathway:	Cell Cycle/DNA Damage
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Batracylin (NSC320846) is a potent DNA Topoisomerases I and DNA Topoisomerases II inhibitor. Batracylin shows cytotoxicity and antiproliferative activity. Batracylin induces DNA breaks ^[1] .
In Vitro	Batracylin (0-300 μM; 6 h) shows cytotoxicity with an IC ₅₀ value of 10.02 μM for HT29 cells ^[1] . Batracylin (100, 300 μM; 3 h) induces protein-linked DNA breaks consistent with topoisomerase targeting ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Rao VA, et al. Batracylin (NSC 320846), a dual inhibitor of DNA topoisomerases I and II induces histone gamma-H2AX as a biomarker of DNA damage. Cancer Res. 2007 Oct 15;67(20):9971-9.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA