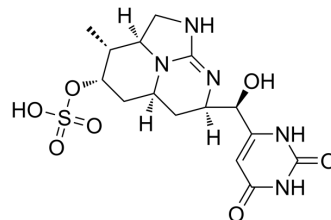


Cylindrospermopsin

Cat. No.:	HY-121360
CAS No.:	143545-90-8
Molecular Formula:	C ₁₅ H ₂₁ N ₅ O ₇ S
Molecular Weight:	415.42
Target:	DNA/RNA Synthesis
Pathway:	Cell Cycle/DNA Damage
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Cylindrospermopsin is a cyanotoxin produced by a variety of freshwater cyanobacteria. It is a polycyclic uracil derivative containing guanidine and sulfate groups, which can inhibit protein synthesis and covalently modify DNA or RNA^[1].

REFERENCES

[1]. I R Falconer, et al. Preliminary evidence for in vivo tumour initiation by oral administration of extracts of the blue-green alga cylindrospermopsis raciborskii containing the toxin cylindrospermopsin. Environ Toxicol. 2001;16(2):192-5.

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