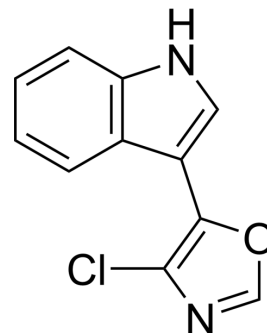


Streptochlorin

Cat. No.:	HY-124035
CAS No.:	120191-51-7
Molecular Formula:	C ₁₁ H ₇ ClN ₂ O
Molecular Weight:	218.64
Target:	Antibiotic; Parasite
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Streptochlorin (SF2583A) is an antibiotic. Streptochlorin has antitrypanosomal activity with an IC₅₀ value of 230 ng/ml for GUTat 3.1^{[1][2]}.

REFERENCES

[1]. Shin DY, et, al. Streptochlorin isolated from *Streptomyces* sp. Induces apoptosis in human hepatocarcinoma cells through a reactive oxygen species-mediated mitochondrial pathway. *J Microbiol Biotechnol.* 2008 Nov;18(11):1862-8.

[2]. Iwatsuki M, et, al. In vitro antitrypanosomal activity of 12 low-molecular-weight antibiotics and observations of structure/activity relationships. *J Antibiot (Tokyo).* 2010 Oct;63(10):619-22.

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

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