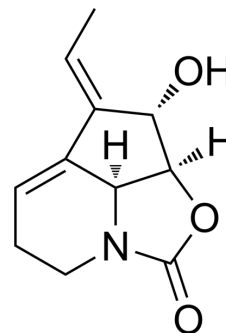


Streptazolin

Cat. No.:	HY-136512		
CAS No.:	80152-07-4		
Molecular Formula:	C ₁₁ H ₁₃ NO ₃		
Molecular Weight:	207.23		
Target:	Antibiotic		
Pathway:	Anti-infection		
Storage:	Pure form	-20°C	3 years
	In solvent	-80°C	6 months
		-20°C	1 month



BIOLOGICAL ACTIVITY

Description

Streptazolin is an antibiotic. Streptazolin increases bacterial killing and elaboration of immunostimulatory cytokines by macrophages in vitro. Streptazolin stimulates the macrophage NF-κB pathway via PI3K signaling^{[1][2]}.

REFERENCES

- [1]. Groenhagen U, et al. Streptopyridines, volatile pyridine alkaloids produced by *Streptomyces* sp. FORM5. *Beilstein J Org Chem*. 2014;10:1421-1432. Published 2014 Jun 24.
- [2]. Perry JA, et al. A macrophage-stimulating compound from a screen of microbial natural products. *J Antibiot (Tokyo)*. 2015;68(1):40-46.

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

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