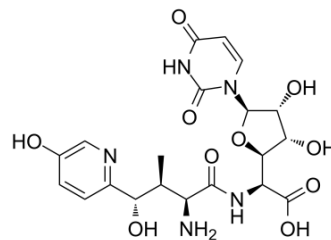


## Nikkomycin Z

Cat. No.:	HY-19593		
CAS No.:	59456-70-1		
Molecular Formula:	C <sub>20</sub> H <sub>25</sub> N <sub>5</sub> O <sub>10</sub>		
Molecular Weight:	495.44		
Target:	Fungal; Antibiotic		
Pathway:	Anti-infection		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



### BIOLOGICAL ACTIVITY

#### Description

Nikkomycin Z, a nucleoside-peptide, is a selective competitive chitin synthesis inhibitor. Nikkomycin Z has antifungal effects and acts as a competitive analogue of the chitin synthase substrate UDP-N-acetylglucosamine<sup>[1]</sup>.

### REFERENCES

[1]. R Kovács, et al. Synergistic Effect of Nikkomycin Z With Caspofungin and Micafungin Against Candida Albicans and Candida Parapsilosis Biofilms. Lett Appl Microbiol. 2019 Oct;69(4):271-278.

**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