

Product Name: Nisin Revision Date: 01/10/2021 Product Data Sheet

Nisin

Cat. No.:	C3531		
CAS No.:	1 <mark>414-</mark> 45-5		
Formula:	C143H230N42O37S7		
M.Wt:	3354.1		
Synonyms:	Ambicin N Nisaplin®		
Target:	Microbiology & Virology		
Pathway:	Antibiotic		
Storage:	Store at -20°C		
	810		

Solvent & Solubility

	insoluble in H2O; ins	insoluble in H2O; insoluble in EtOH; \geq 5.63 mg/mL in DMSO with gentle warming and ultrasonic					
Preparing In Vitro Stock Solutions		Mass Solvent Concentration	1mg	5mg	10mg		
	Slock Solutions	1 mM	0.2981 mL	1.4907 mL	2.9814 mL		
	5 mM	0.0596 mL	0.2981 mL	0.5963 mL			
	PENN	10 mM	0.0298 mL	0.1491 mL	0.2981 mL		

Please refer to the solubility information to select the appropriate solvent.

Biological Activity

Shortsummary	antibacterial peptide		
IC ₅₀ & Target			
In Vitro	Cell Viability Assay	and the second se	
	Preparation method:		
In Vivo	Animal experiment		
	Applications:		

Product Citations

See more customer validations on www.apexbt.com.





FOR RESEARCH PURPOSES ONLY.

NOT FOR HUMAN, VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.

Specific storage and handling information for each product is indicated on the product datasheet. Most APExBIO products are stable under the recommended conditions. Products are sometimes shipped at a temperature that differs from the recommended storage temperature. Shortterm storage of many products are stable in the short-term at temperatures that differ from that required for long-term storage. We ensure that the product is shipped under conditions that will maintain the quality of the reagents. Upon receipt of the product, follow the storage recommendations on the product data sheet.



www.apexbt.com

7505 Fannin street, Suite 410, Houston, TX 77054. Tel: +1-832-696-8203 | Fax: +1-832-641-3177 | Email: info@apexbt.com



