

# Nisin Z

货号: B27329

# Nisin Z

## 产品信息

生物活性	Nisin Z is an antimicrobial and anti-inflammatory peptide. Nisin Z is effective against Gram-positive bacteria and <b>fungi</b> , such as <i>C. albicans</i> .
CAS	137061-46-2
中文名称	
分子量	3331.05
体外研究	<p>Nisin Z (10 µg/mL, 24 h) 增加牙龈成纤维细胞的脱离和分化。  Nisin Z (25-75 µg/mL, 24 小时) 抑制 <i>C. albicans</i> 粘附于牙龈细胞。  Nisin Z (500 和 1000 µg/mL, 24 小时) 抑制 <i>C. albicans</i> 胚芽管形成。  Nisin Z (100 µg/mL, 12 小时) 减少 MCF10A 细胞中 LPS 诱导的促炎细胞因子 (即 IL-6、TNF-α、IL-1β) 的产生。  Nisin Z (10-100 µg/mL, 12 h) 抑制 LPS 诱导的 MCF10A 细胞中 ERK1/2 和 p38 MAPK 信号通路的激活。</p> <p><b>The accuracy of these methods have not been independently confirmed. They are for reference only.</b></p> <p>Cell Viability Assay</p> <p>Cell Line: <i>C. albicans</i>  Concentration: 100, 500, 1000 µg/mL  Incubation Time: 24, 48, and 72 h  Result: Reduced <i>C. albicans</i> growth.</p> <p>Western Blot Analysis</p> <p>Cell Line: LPS-induced MCF10A cells  Concentration: 10-100 µg/mL  Incubation Time: 12 h  Result: Inhibited the phosphorylation of p38 and ERK1/2.</p>
体内研究	
形式	
运输条件	Room temperature in continental US; may vary elsewhere.
保存条件	Please store the product under the recommended conditions in the Certificate of Analysis.
溶解性	
纯度	