

## Gramicidin B

Cat. No.:	HY-P5707
CAS No.:	4422-52-0
Molecular Formula:	C <sub>97</sub> H <sub>139</sub> N <sub>19</sub> O <sub>17</sub>
Molecular Weight:	1843.26
Sequence:	{formyl-Val}-Gly-Ala-{d-Leu}-Ala-{d-Val}-Val-{d-Val}-Trp-{d-Leu}-Phe-{d-Leu}-Trp-{d-Leu}-{Trp-ethanolamine}
Sequence Shortening:	{formyl-Val}-GA-{d-Leu}-A-{d-Val}-V-{d-Val}-W-{d-Leu}-F-{d-Leu}-W-{d-Leu}-{Trp-ethanolamine}
Target:	Antibiotic; Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

### BIOLOGICAL ACTIVITY

#### Description

Gramicidin B is a nonribosomal peptide antibiotic<sup>[1]</sup>.

### REFERENCES

[1]. Reinhard Sarges, et al. Gramicidin. VII. The Structure of Valine- and Isoleucine-gramicidin B. J Am Chem Soc. 1965 May 5;87:2027-30.

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

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