

The mimetics of antiadhesive peptides as the inhibitors of *Mycobacterium kansasii* phagocytosis.

Autorzy

Ignacy Z. Siemion
Monika Gawłowska
Katarzyna Ślepokura
Monika Biernat
Zbigniew Wieczorek

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Streszczenie

The α -guanidino acids derived of 15 proteinaceous amino acids, ω -guanidino acids with gradually increased hydrocarbon chains, and amidinated dipeptides, were tested as the mimetics of antiadhesive peptides in *Mycobacteria* phagocytosis inhibition. The crystal structure of ω -guanidino acids used was determined by X-ray structural analysis. It follows from our experiments that the proper distance between guanidine and carboxyl groups of effector molecules is of decisive importance for their inhibitory activity.

Słowa kluczowe

Antiadhesive peptides, Peptide mimetics, *Mycobacteria* phagocytosis, Guanidino acids

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