

Microbiology 2005 vol.74 N3, pages 310-313

Nuclease biosynthesis and growth of *Serratia marcescens* in the presence of 2-(p-aminobenzenesulfonamide)-thiazole

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Abstract

The biosynthesis of nuclease in *Serratia marcescens* has been studied under the conditions of purine synthesis inhibition with 2-(p-aminobenzenesulfonamide) -thiazole. The addition of this sulfonamide to *S. marcescens* at different growth stages is found to inhibit both culture growth and nuclease synthesis. © 2005 Pleiades Publishing, Inc.

<http://dx.doi.org/10.1007/s11021-005-0068-x>

Keywords

2-(p-aminobenzenesulfon-amide)-thiazole, Biosynthesis, Nuclease Sma nuc, *Serratia marcescens*, Sulfonamide