Transtorine, a new quinoline alkaloid from Ephedra transitoria.

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Source

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Abstract

Transtorine (1), a new quinoline alkaloid, isolated from the aerial part of Ephedra transitoria by column chromatography, was identified as 4-quinolone-2-carboxylic acid. The structure was determined by spectroscopic methods. Transtorine exhibited growth inhibitory activity against the common bacteria, Enterobacter cloacae, Escherichia coli, Pseudomonas aeruginosa, and Staphylococcus aureus.