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Okichromanone, a new antiviral chromanone from a marine-derived *Microbispora*

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Abstract

Okichromanone (**1**), a new chromanone, was isolated from the culture extract of a sponge-derived actinomycete *Microbispora*, along with known 1-hydroxyphenazine (**2**). Compound **1** was elucidated to exist as a mixture of two isomeric structures (**1a** and **1b**) at a ratio of nearly 3:2. Compounds **1** and **2** showed anti HSV-I activity with IC₅₀ values 40 and 86 µM, respectively, and anti HSV-II activity with IC₅₀ values 59 and 123 µM, respectively.

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