



Naturally occurring didemnaketals, structural elucidation, features, and pharmacological activities.

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Abstract:

Didemnaketals are rare terpenoid class reported only in the marine ascidian *Didemnum* species. They possess important biological activities like HIV-1 protease inhibitor, protein kinase inhibition, antimicrobial, antiproliferative, and cytotoxic. A compilation of new naturally occurring didemnaketals reported during 1991–2014 is provided with available physical and spectral data: mp, $[\alpha]_D$, UV, IR, 1H and ^{13}C NMR as well as biological activities and references.

Keywords:

Didemnaketals; *Didemnum*; Ascidian; Spectral data; Bioactivities

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