

Synthesis and pharmacological activities of some sesquiterpene quinones and hydroquinones.

Laube T, Bernet A, Dahse HM, Jacobsen ID, Seifert K (2009) Synthesis and pharmacological activities of some sesquiterpene quinones and hydroquinones. *Bioorg Med Chem* 17(4), 1422-1427.

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Abstract

Synthesis of protected siphonodictyal C was achieved via drim-7-en-11-al. Some sesquiterpene quinones and hydroquinones were tested for their pharmacological activities in assays in search of antiproliferative, cytotoxic, antiphlogistic, antirheumatic and anti-inflammatory drugs. Wiedendiol B is a ten times stronger cyclooxygenase-2 inhibitor than the reference compound indomethacine. Cyclooxygenase-2 inhibitors are drugs with antiphlogistic and antirheumatic activity.

Involved units

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Identifier

doi: 10.1016/j.bmc.2009.01.028

PMID: 19188072