

Short Note

9,19-Cyclolanost-24-en-3-one,21,23-epoxy-21,22-dihydroxy (21R, 22S, 23S) from the Leaves of *Lansium domesticum* Corr cv Kokossan

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Abstract: A new cycloartan-type triterpenoid, 9,19-cyclolanost-24-en-3-one,21,23-epoxy-21,22-dihydroxy (21R, 22S, 23S), was isolated from the leaves of *Lansium domesticum* Corr cv kokossan. The chemical structure of **1** was elucidated on the basis of spectroscopic data, X-ray diffraction and comparison with those related compounds previously reported.

Keywords: cycloartan-type triterpenoid; *Lansium domesticum*; Meliaceae

1. Introduction

Lansium domesticum Corr cv kokossan is a species of small tree from the Meliaceae family and widely distributed in Thailand and surrounding countries in Southern Asia [1,2]. Previous phytochemical studies on *L. domesticum* have resulted in the isolation of several types of triterpenoids [3–8], which possess interesting biological activities, such as anticancer [9], antibacterial [10], insecticides [11], antimalarial [12], cosmetic [13] and antifeedant activities [14].