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(57) Abstract :

The present invention discloses novel Schiff base derivatives of a boswellic acid3-hydroxyhexamethyl- eicosahydro-picene-4-carboxylic acid with therapeutic effects such as antiinflammatory, anti-arthritis and immunomodulating activity. The compounds are obtained by semisynthetic derivatisation of 3-hydroxy-hexamethyl-eicosahydro-picene-4-carboxylic acid which provides Schiff base derivatives. Twenty four derivatives were synthesized by using two different schemes as given in Figure 1 to 5. Molecular formula of the novel compounds is given in Table 1 and Table 2.

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