



Isoquinolines from the Roots of *Thalictrum flavum* L. and Their Evaluation as Antiparasitic Compounds

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Résumé en anglais	<p>Alkaloids from <i>Thalictrum flavum</i> L. (Ranunculaceae) growing in the Loire valley (France) were isolated and evaluated for their antiplasmodial and leishmanicidal activities. Berberine was identified as a major component but its analogue, pseudoberberine, was isolated for the first time from this plant. As far as bisbenzylisoquinolines are concerned, thalfoetidine was also isolated and, besides, its nor- derivative, northalfoetidine, was identified as a new compound. Previously isolated alkaloids from <i>Thalictrum</i> species such as northalidasine, northalrugosidine, thaligosidine, thalicberine, thaliglucinone, preocoteine, O-methylcassythine and arnepavine were newly described in the roots of <i>T. flavum</i>. Tertiary isoquinolines, and particularly bisbenzylisoquinolines, were found to be leishmanicidal against <i>L. major</i>. Thalfoetidine appeared as the most potent but its new nor- derivative northalfoetidine, as well as northalidasine, were of particular interest due to the fact that their potential leishmanicidal activity was not associated to a strong cytotoxicity.</p>
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