Latin American Journal of Pharmacy
(formerly *Acta Farmacéutica Bonaerense)*
Lat. Am. J. Pharm. **32** (2): 232-8 (2013)

Regular Article
Received: April 15, 2011
Revised version: June 3, 2011
Accepted: June 5, 2011

Chemical Constituents from the Rhizome of *Paris bashanensis* and Their Cytotoxic Activity

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SUMMARY. Twelve compounds were isolated from the rhizoma of *Paris bashanensis*. Based on spectral data, the isolated compounds were identified as Sitosterol (**1**), Daucosterol (**2**), Diosgenin (**3**), Stigmasterol-3-*O*-β-D-glucopyranoside (**4**), β-Ecdysterone (**5**), Polyphyllin D (**6**), Paris saponinV (**7**), Paris saponin H (**8**), Paris saponin VI (**9**), Pennogennin-3-*O*-[α-L-rhamnopyranosyl(1→2)-[α-L- rhamnopyranosyl(1→4)]-β-D-glucoside (**10**), Paris saponin VII (**11**), Paris saponin II (**12**). Their cytotoxicity on mouse B16 melanoma cells was evaluated. Furthermore, the chemotaxonomic significance of these compounds was also summarized.

KEY WORDS: Cytotoxicity, Steroidal saponin, Paris bashanensis, Mouse B16 melanoma cell.

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ISSN 0326-2383