Journal of Pharmaceutical Research and Drug Information Vol. 7, No. 4+5, 2016, pp. 52-56 Received 31 August 2016, accepted 17 October 2016

## Isolation some compounds from *Hovenia dulcis* Thunb. collected in Cao Bang province

Bui Hong Cuong<sup>1</sup>, Tran Thi Phuong Lien<sup>1</sup>, Phuong Thien Thuong<sup>2</sup> <sup>1</sup>Hanoi University of Pharmacy, <sup>2</sup>National Institute of Medicinal Materials

**Summary:** Two triterpenoids, betulinic acid (1) and ursolic acid (2), and one flavonoid, dihydromyricetin (3), were isolated from the ethanol extract of the fruits of Hovenia dulcis Thunb. collected in Cao Bang, Vietnam. Their chemical structures were elucidated by physicochemical and spectroscopic (IR, MS, <sup>1</sup>H-NMR, <sup>13</sup>C-NMR, DEPT) analyses in comparison with those reported in literature. This is the first report on the presence of two triterpenoids 1 and 2 in the plant Hovenia dulcis Thunb.