

**Dr. Duke's Phytochemical and Ethnobotanical Database**

**List of Activities for 1,2,3,4,6-PENTA-O-GALLOYL-BETA-D-GLUCOSE**

| <b>Activity</b>                  | <b>Reference</b>  |
|----------------------------------|---|
| Beta-Adrenergic Receptor Blocker | Zhu, M., Phillipson, J. D., Greengrass, P. M., Bowery, N. E., Cai, Y. 1997. Plant Polyphenols: Biologically Active Compounds or Non-Selective Binders to Protein? <i>Phytochemistry</i> , 44(3): 441-447.         |
| Topoisomerase-II-Inhibitor       | Kashiwada, Y., Nonaka, G. I., Nishioka, I., Lee, J. H., Bori, I., Fukushima, Y., Bastow, K. F., Lee, K. H. 1993. Tannins as Potent Inhibitors of DNA Topoisomerase II in vitro. <i>J Pharm Sci</i> , 82: 487-492. |