



Common Ginsenosides of *Panax quinquefolius*.

Ginsenosides are saponins based on the dammarane carbon skeleton (shown at top left). The glycosylation pattern differs between compounds in both sugar composition and placement. The two compounds at top (Re and Rg₁) are glycosylated at position 6 and 20, while the remaining compounds are glycosylated at position 3 and 20. The ginsenosides are shown with 20(S)-stereochemistry. (Adapted from Yousef & Bernards, 2006, *Phytochemistry* 67:1740)