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# Classification of glycosides

Glycosides are classified into four classes on the basis of nature of atom to which the sugar is linked.

- (i) O-Glycosides :- When the sugar portion is attached to the oxygen atom. This is the most common type. Examples are amygdalin, indican, arbutin, salicin, etc.
- (ii) C-Glycosides :- When the sugar moiety is linked to the carbon atom.
- (iii) S-Glycosides :- When the sugar moiety is linked to the sulphur atom, e.g. Sinigrin.
- (iv) N-Glycosides :- When the sugar portion of the glycoside is attached to the nitrogen atom.