A glycosyl group is the fragment containing a vacant point of attachment that would form if the hydroxy group on the hemiacetal carbon or on the hemiketal carbon in a cyclic monosaccharide molecule were removed.

eg. 1:

![Diagram of α-D-glucose losing an OH group to form a glycosyl group](image1)

eg. 2:

![Diagram of β-D-fructose losing an OH group to form a glycosyl group](image2)

see also glycoside

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