

Presentation

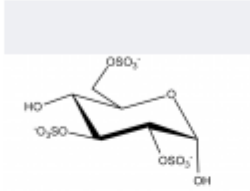
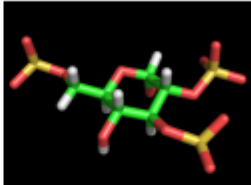
Description

This chapter offers a library of 150 monosaccharides structures found as components of bio-actives glycans, oligo and polysaccharides. They are presented throughout several levels of structural depiction, i.e. one dimension, two-dimension and three-dimension.

The monosaccharides are listed in six distinct chapters following alphabetic order ;

- From Abequose to Arabinose
- From Bradyrhizose to Fucose
- Galactoses
- Glucoses
- From Gulose to Muramic Acid
- From Neuraminic Acid to Xylose

Complementary to its 3-Dimensional structure, each monosaccharide is presented in the form of a symbolic representation, in accordance with the rules set-forward in [The Symbolic Representation of Monosaccharides in the Age of Glycobiology](#) along with a drawing of the molecular structure. As such, each monosaccharide is depicted in the form of a mosaic comprising four vignettes, which are associated to pictures and coordinates file, each of them being downloadable.

Glucopyranose 2,3,6-S α -D			
 2S3S6S Glucopyranose 2,3,6-S α-D DOWNLOAD PNG FILE 	 Glucopyranose 2,3,6-S α-D DOWNLOAD PNG FILE 	 Glucopyranose 2,3,6-S α-D DOWNLOAD PNG FILE 	 Glucopyranose 2,3,6-S α-D DOWNLOAD PDB FILE 

The atomic files follow the PDB record format for coordinate data and can be used in the most popular molecular modeling software to set up a consistent and annotated library of monosaccharides.