

## Presentation

### Description



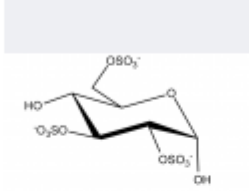

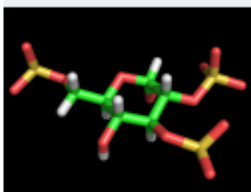



This chapter offers a library of 150 monosaccharides structures found as components of bio-actives glycans, oligo and polysaccharides. They are presented throughout several levels of structural depiction, i.e. one dimension, two-dimension and three-dimension.

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  $\alpha$ -D

 <p><b>2S3S6S</b></p> <p>Glucopyranose 2,3,6-S <math>\alpha</math>-D</p> <p>DOWNLOAD PNG FILE </p>	 <p>Glucopyranose 2,3,6-S <math>\alpha</math>-D</p> <p>DOWNLOAD PNG FILE </p>	 <p>Glucopyranose 2,3,6-S <math>\alpha</math>-D</p> <p>DOWNLOAD PNG FILE </p>	 <p>Glucopyranose 2,3,6-S <math>\alpha</math>-D</p> <p>DOWNLOAD PDB FILE </p>
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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.