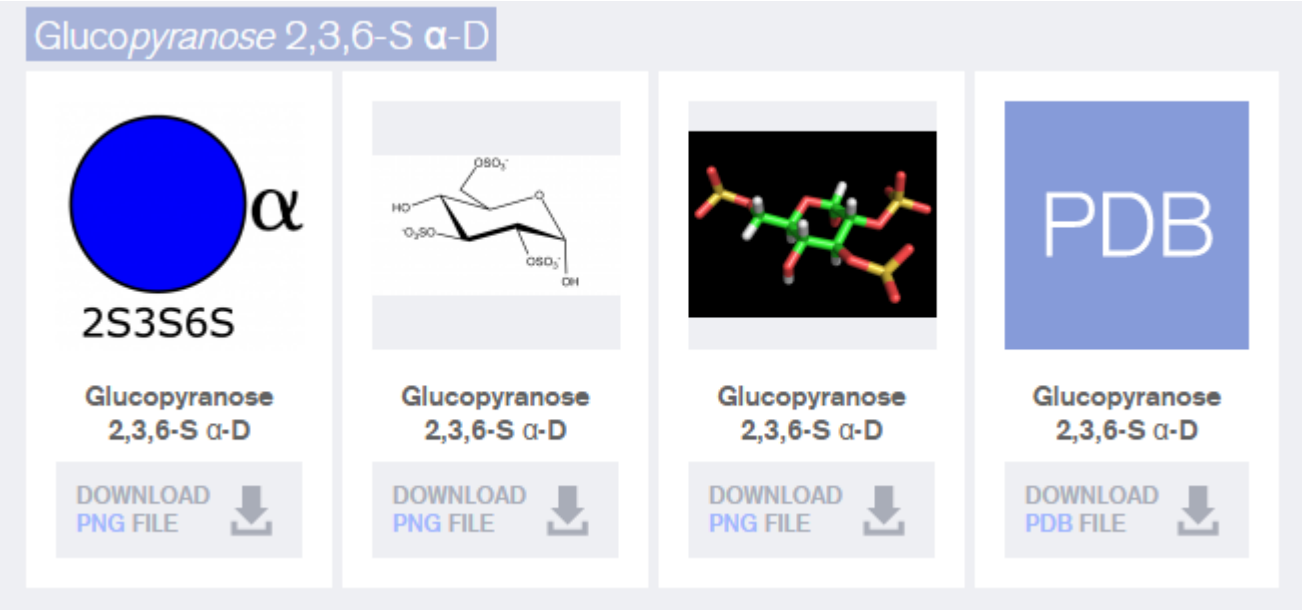
Presentation

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*â?•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.



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.