



Glycomics Database - A valuable Resource for Glycomics Information

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Glycominds has developed the Glycomics Database (www.glycomics.com), which compiles information about glyco-conjugated molecules - including their structures, functions, and interactions with other molecules. This proprietary database contains extensive data on thousands of unique glycans from humans, other mammals, plants and bacteria. The information in the database can be utilized in a wide spectrum of drug discovery and development projects.

All the glycans in the Glycomics database are stored in Linear Code™ format, a proprietary nomenclature that enables succinct and

systematic description of glycans. Linear Code is extremely comprehensive as it accounts for variability in stereospecificity, ring conformation, modifications, bond conformations, branch patterns, and glycoconjugate molecules. In addition, the Linear Code “language” enables the application of unique technologies for comparative analysis of glycans. Glycominds has developed several glyco-bioinformatics tools for this purpose and their specific utility is dependent on the intended research needs.

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