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Beta-D-Glucopyranose Monohydrate

National Cancer Institute

Source

National Cancer Institute. *Beta-D-Glucopyranose Monohydrate*. NCI Thesaurus. Code C61651.

The monohydrate form of the beta isoform of D-glucopyranose, a synthetic simple monosaccharide as an energy source. D-glucopyranose is oxidized in various tissues either under aerobic or anaerobic conditions through glycolysis, and the oxidation reaction produces carbon dioxide, water and ATP.