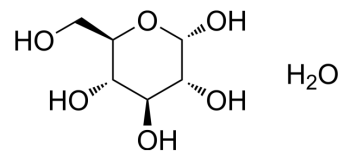


alpha-D-glucose hydrate

Cat. No.:	HY-128417A
CAS No.:	14431-43-7
Molecular Formula:	C ₆ H ₁₄ O ₇
Molecular Weight:	198.17
Target:	Biochemical Assay Reagents
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	alpha-D-glucose hydrate is a monosaccharide and the most common form of glucose. It is a monosaccharide, which means it cannot be broken down into simpler sugars. alpha-D-glucose plays a vital role in energy metabolism and is the primary source of energy for many cells in the body. It is also a building block of larger carbohydrates such as starch and glycogen. The "α" prefix refers to the orientation of the hydroxyl group attached to the first carbon atom. Alpha-D-glucose exists in solution as a hydrate, which means it is bound to water molecules.
In Vitro	alpha-D-glucose (hydrate) is a biochemical reagent that can be used as a biological material or organic compound for life science related research. MCE has not independently confirmed the accuracy of these methods. They are for reference only.

Caution: Product has not been fully validated for medical applications. For research use only.

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