

[Jump to Website](#)

[Request Quote](#)

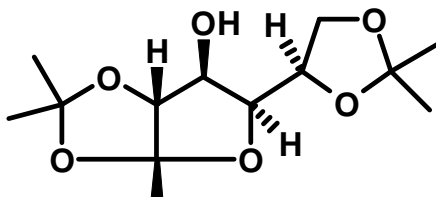
Product Specifications

Diacetone-D-glucose

CAS 582-52-5

Syn: 1,2:5,6-Di-O-isopropylidene- α -D-glucofuranose;
(-)-1,2:5,6-Di-O-isopropylidene- α -D-glucofuranose;
1,2:5,6-Di-O-isopropylidene- α -D-glucofuranose;
1,2:5,6-Di-O-isopropylidene- α -D-glucose;
1,2:5,6-Diisopropylidene- α -D-glucofuranose;
1,2:5,6-Diisopropylidene-D-glucose; Glucose Bisacetone;
Di-O-isopropylidene- α -D-glucofuranose; 1,2:5,6-Di-O-isopropylidene-D-glucose;
Di-O-isopropylidene-1,2:5,6- α -D-glucofuranose;
Diacetone glucose; Diisopropylidene- α -D-glucose

Structure:



Mol. Formula

$C_{12}H_{20}O_6$

Mol. Wt.

260.28

Source

Synthetic

<i>Test</i>	<i>Specification</i>
-------------	----------------------

Appearance	White, microcrystalline solid
TLC	Single spot
Mp	109-113 °C [Lit.]
Assay (hplc)	> 99 %
Sp. Rot., $[\alpha]_D$	-18° [$c = 2, H_2O$]
LOD	< 1%
Ash (residue on ignition)	< 0.1%
Heavy metals	< 10 ppm

Storage: Maintain in cool, dry containment.