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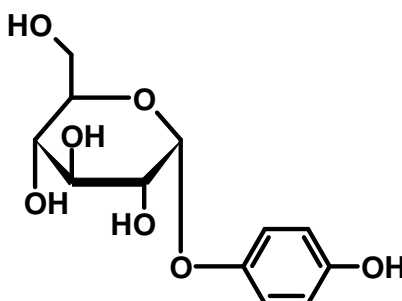
Product Specifications

alpha-Arbutin

CAS 84380-01-8

Syn: Hydroxyphenyl- α -D-glucopyranoside; Hydroquinone- α -D-glucopyranoside;

Structure:



Mol. Formula
Source

C₁₂H₁₆O₇
Synthetic

Mol. Wt.

272.26

<i>Test</i>	<i>Specification</i>
Appearance	White, microcrystalline powder
Solubility (1% aq. solution)	Clear, colorless solution
pH (1% aq. solution)	5-7
Mp	202-207 °C
Assay (hplc)	> 99%
Sp. Rot., [α]_D	+179 \pm 5° (H ₂ O) (Lit.)
LOD	< 0.15 %
Ash (residue on ignition)	< 0.05%
Heavy metals	< 10 ppm
Hydroquinone	< 10 ppm
Total Aerobic Plate Count	< 300/g
Mold/Yeast:	< 100/g
<i>E. Coli</i>	negative
<i>Salmonella</i>	negative

Storage: Maintain in cool, dry containment.