

## β-Gentiobiose

Cat. No. CSUB-0957

Lot. No. (See product label)

### Introduction

**Description** Gentiobiose is employed in the differentiation of microorganisms based on their metabolic properties. Gentiobiose was used in binding assays to determine if coelomic cytolytic factor 1 (CCF-1) binds to β-1,3-glucans to stimulate the pro-PO-activating system.

**Applications** A disaccharide composed of two units of D-glucose

**Synonyms** 6-O-β-D-Glucopyranosyl-D-glucose; Gentiobiose; 6-(β-D-Glucosido)-D-glucose; Amygdalose

### Product Information

<b>Form</b>	Solid
<b>CAS No.</b>	554-91-6
<b>Molecular Formula</b>	C <sub>12</sub> H <sub>22</sub> O <sub>11</sub>
<b>Molecular Weight</b>	342.3
<b>Purity</b>	>97%
<b>Melting Point</b>	~253.67 °C (Predicted)
<b>Solubility</b>	Soluble in water (slightly).

### Storage and Shipping Information

**Storage** Store at room temperature