

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

Form Solid

CAS No. 554-91-6

Molecular Formula C₁₂H₂₂O₁₁

Molecular Weight 342.3

Purity >97%

Melting Point ~253.67 °C (Predicted)

Solubility Soluble in water (slightly).

Storage and Shipping Information

Storage Store at room temperature