Creative Enzymes®

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