

Cellobiose 2-Epimerase

Cat. No. EXTZ-819

Lot. No. (See product label)

Introduction

Description

Cellobiose 2-Epimerase (CE) is a specialized enzyme that catalyzes the reversible epimerization of the C-2 hydroxyl group at the reducing end of beta-1,4-linked disaccharides, converting cellobiose to 4-O-beta-D-glucopyranosyl-D-mannose, and lactose to lactulose. This enzyme belongs to the isomerase family (EC 5.1.3.11) and is widely used in the food industry for the enzymatic production of lactulose, a valuable prebiotic and pharmaceutical ingredient. The product offers high catalytic efficiency and substrate specificity, making it an essential biocatalyst for functional food ingredient manufacturing.

Product Information

Source	Microbial fermentation
Form	White to light yellow powder or liquid
EC Number	5.1.3.11

Storage and Shipping Information

Storage	Store at -20°C or below for long-term; 2-8°C for short-term
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