Creative Enzymes®

2-Chloro-4-nitrophenyl α-D-Maltotrioside

Cat. No. CEGZ-50187

Lot. No. (See product label)

Introduction

Description	2-Chloro-4-nitrophenyl α-D-maltotrioside is a chromogenic substrate that is cleaved directly by α-amylase to release 2-chloro-4-nitrophenol and maltotriose, without the need for auxiliary enzymes. The liberated chromophore is measured at 405 nm.
Applications	Used for the direct colorimetric determination of α-amylase activity in serum and other samples, and as a substrate in amylase research.
Synonyms	CNP-G3; CNPG3

Product Information

Appearance	White to off-white powder
Form	Powder
CAS No.	118291-90-0
Molecular Formula	C24H34ClNO18
Molecular Weight	659.98
Purity	High purity
Notes	For research and development use only.

Storage and Shipping Information

Storage	Store in a tightly closed container in a cool, dry place.