Creative Enzymes®

Chlorophenol red β-D-galactopyranoside sodium salt

Cat. No. CSUB-0775

Lot. No. (See product label)

Introduction

Description	Chlorophenol red β-D-galactopyranoside sodium salt is utilized to measure the expression levels of β-galactosidase in transfected cells. The lacZ gene is a popular reporter gene in transfection reactions because its product, β-galactosidase, is a very stable enzyme.
Applications	A chemical used to detect the presence of coliform bacteria
Synonyms	sodium; 2-[(Z)-(3-chloro-4-oxocyclohexa-2, 5-dien-1-ylidene)-[3-chloro-4-[(2S,3R,4S,5R,6R)-3,4, 5-trihydroxy-6-(hydroxymethyl)oxan-2-yl]oxyphenyl]methyl] benzenesulfonate

Product Information

Form	Solid
CAS No.	99792-50-4
Molecular Formula	C25H21Cl2O10SNa
Molecular Weight	607.4
Purity	>98%
Solubility	Soluble in water.
Substrates	Glucuronyl hydrolase

Storage and Shipping Information

Storage	Store at -20° C