Creative Enzymes®

5-Bromo-4-chloro-3-indolyl β-D-galactopyranoside

Cat. No. CSUB-0266

Lot. No. (See product label)

Introduction

Applications	X-Gal is a chromogenic substrate for β-galactosidase that produces a rich blue color that can easily be detected visually over background. X-Gal is the substrate of choice for blue-white selection of recombinant bacterial colonies with the lac+ genotype.
Synonyms	5-Bromo-4-chloro-3-indolyl β-D-galactoside; BCIG; X-Gal

Product Information

Form	powder
EC Number	230-640-8
CAS No.	7240-90-6
Molecular Formula	C14H15BrClNO6
Molecular Weight	408.63
Substrates	Galactosidase, beta

Storage and Shipping Information

Storage	-20°C