

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