

## 5-Bromo-4-chloro-3-indolyl $\beta$ -D-galactopyranoside

Cat. No. CSUB-0266

Lot. No. (See product label)

### Introduction

#### Applications

X-Gal is a chromogenic substrate for  $\beta$ -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<sup>+</sup> genotype.

#### Synonyms

5-Bromo-4-chloro-3-indolyl  $\beta$ -D-galactoside; BCIG; X-Gal

### Product Information

<b>Form</b>	powder
<b>EC Number</b>	230-640-8
<b>CAS No.</b>	7240-90-6
<b>Molecular Formula</b>	C <sub>14</sub> H <sub>15</sub> BrClNO <sub>6</sub>
<b>Molecular Weight</b>	408.63
<b>Substrates</b>	Galactosidase, beta

### Storage and Shipping Information

<b>Storage</b>	-20°C
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