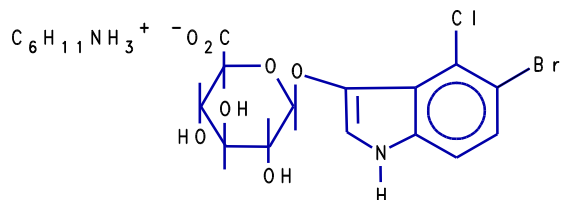


## SPECIFICATIONS

### 5-BROMO-4-CHLORO-3-INDOLYL- $\beta$ -D-GLUCURONIC ACID, CYCLOHEXYLAMMONIUM SALT



<b>Catalogue Number</b>	<b>1167</b>
<b>CAS Registry Number</b>	<b>114162-64-0</b>
<b>Molecular Formula</b>	<b><math>\text{C}_{20}\text{H}_{26}\text{BrClN}_2\text{O}_7</math></b>
<b>Molecular Weight</b>	<b><math>521.8 \text{ g}\cdot\text{mol}^{-1}</math></b>
<b>I.R.</b>	<b>Conforms to the structure</b>
<b>Moisture (KF)</b>	<b>&lt; 4.3%</b>
<b>Appearance</b>	<b>White crystalline solid</b>
<b>HPLC Purity</b>	<b><math>\geq 97\%</math></b>
<b>TLC</b>	<b>One spot</b>
<b>Optical Rotation (c = 1, 1:1 DMF/H<sub>2</sub>O)</b>	<b><math>-85^\circ \pm 10^\circ</math></b>
<b>Storage</b>	<b><math>-15^\circ\text{C} \pm 5^\circ\text{C}</math> under Nitrogen in dark</b>

**Use:** Chromogenic substrate for  $\beta$ -glucuronidase. Use in *E. coli* detection.