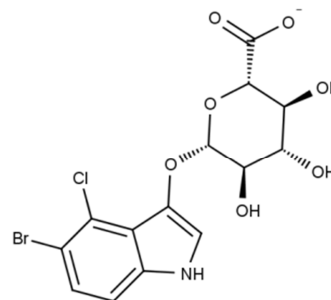




## X-Gluc, cyclohexylammonium salt

**Catalog No:** 50340  
**Lot No:** XXXXX  
**Cas No:** 114162-64-0  
**Formula:** C<sub>20</sub>H<sub>26</sub>BrClN<sub>2</sub>O<sub>7</sub>  
**MW:** 521.79  
**Supplied as:** solid  
**Stability:** store at -20°C in the dark



### Background

5-Bromo-4-chloro-3-indolyl-β-D-glucuronide, cyclohexylammonium salt (X-Gluc) is used as a reagent to detect β-glucuronidase, an enzyme produced by *E. coli*. It is used to detect *E. coli* contamination in food, water and the urinary tract. In addition, it is widely used to mark and select the expression of target genes in the GUS reporter system.

### Tests

**Appearance:**  
**Assay (TLC):**  
**Water (K.F.):**

### Specifications

white powder  
≥99.0%  
≤5.0%

### Usage

This product is offered by Biomol for research purposes only. Not for diagnostic purposes or human use. It may not be resold or used to manufacture commercial products without written approval of Biomol GmbH.