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X-GlcU, CHA

Alternate name: BCIG. X-GlcU (5-Bromo-4-chloro-3-indolyl-β-D-glucuronide, cyclohexylammonium salt) is a chromogenic β-glucuronidase substrate widely used for monitoring E. coli contamination in food (such as meat, dairy products and shellfish, etc) and water, and for the detection of GUS gene expression in plants.

Product attributes

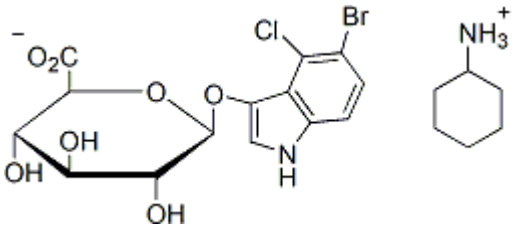
CAS number	18656-96-7

Product Description

Alternate name: BCIG

X-GlcU (5-Bromo-4-chloro-3-indolyl-β-D-glucuronide, cyclohexylammonium salt) is a chromogenic β-glucuronidase substrate widely used for monitoring E. coli contamination in food (such as meat, dairy products and shellfish, etc) and water, and for the detection of GUS gene expression in plants. X-GlcU also has clinical applications in the assessment of urinary tract infection by detecting the presence of E. coli. The substrate yields a dark blue (λ_{max} 615 nm) precipitate after enzymatic hydrolysis.

- White solid soluble in water or DMSO
- Store desiccated at -20°C and protect from light
- $_{20}H_{26}BrClN_2O_7$
- MW: 521.8
- [18656-96-7]



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