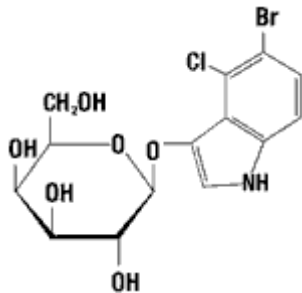


Datasheet:

X-Gal

Description X-Gal is a noninducing chromogenic substrate for beta-galactosidase, which hydrolyzes X-Gal forming an intense blue precipitate. X-Gal is most frequently used in conjunction with IPTG in blue/white colony screening to detect recombinants (white) from non-recombinants (blue)



It is also utilized for selection of beta-galactosidase reporter gene activity in transfection of eucariotic cells and for detection of beta-galactosidase in immunology and histochemistry applications.

Quality Control: Purity of >99% by HPLC. Tested in the blue/white colony screening experiment.

Storage Store at -20°C in the dark.

Shipment room-temperature

Formula: C₁₄H₁₅BrClNO₆

Molecular Weight 408.6

Melting Point 223 °C

<u>Cat#</u>	<u>Pack size</u>	<u>Price, Euro (Germany)</u>
408501	1g	
408505	5g	
408525	10	

Reference

1. Sambrook, J., Russell, D.W., Molecular Cloning: A Laboratory Manual, the Third edition, Cold Spring Harbor Laboratory Press, Cold Spring Harbor, New York, 1.124-1.125, A1.27, 2001.