



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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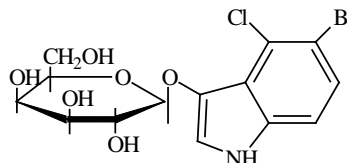
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PRODUCT AND SAFETY DATA SHEET

PRODUCT NAME: X-Gal (5-Bromo-4-chloro-3-indoxyl-beta-D-galactopyranoside)**CATALOG #:** 10011/10011-1/10011-2**MOLECULAR INFORMATION:** C₁₄H₁₅BrClNO₆
MW: 408.61
[7240-90-6]**PROPERTIES:****Color & Form** White, crystalline power
Purity ≥ 99% by HPLC
Solubility Soluble in DMSO or DMF**STORAGE AND HANDLING:** Store desiccated at -20°C. Hygroscopic! Keep tightly closed.**APPLICATION:** X-gal is the most widely used chromogenic substrate for β-galactosidase. Enzyme hydrolysis of the substrate yields a dark blue colored precipitate ($\lambda_{\text{abs}} \sim 615 \text{ nm}$)

Ref: 1) Molecular Cloning: A laboratory Manual, Cold Spring Harbor Laboratory, B. 14, p186(1989); 2) *Biotechniques*, **27**, 438(1999); 3) *Oncogen*, **10**, 2323(1995); 4) *Devel. Biol.*, **161**, 77(1994); 5) *J. Histochem. Cytochem.*, **42**, 1299(1994); 6) *BioTechniques*, **15**, 974(1993); 7) *BioTechniques*, **15**, 292(1993).

TOXICITY: Unknown.

FIRST AID:	Potentially harmful. Avoid prolonged or repeated exposure. Avoid getting in eyes, on skin, or on clothing. Wash thoroughly after handling. If eye or skin contact occurs, wash affected areas with plenty of water for 15 minutes and seek medical advice. In case of inhaling or swallowing, move individual to fresh air and seek medical advice immediately.
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