



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

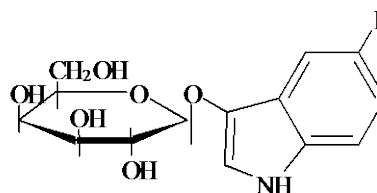
F. +43(0)1 489 3961-7

[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

## PRODUCT AND SAFETY DATA SHEET

**PRODUCT NAME:** Purple- $\beta$ -D-Gal (5-iodo-3-indolyl- $\beta$ -D-galactopyranoside)**CATALOG NUMBER:** 10014**MOLECULAR INFORMATION:** C<sub>14</sub>H<sub>16</sub>INO<sub>6</sub>  
Mwt: 421.6**PROPERTIES:**

<b>Color &amp; Form</b>	Off-white solid
<b>Purity</b>	≥ 99% by TLC
<b>Solubility</b>	Soluble in DMF or DMSO

**STORAGE AND HANDLING:** Store desiccated at ≤ 4 °C upon receipt. Protect from light, especially in solution.**APPLICATION:** Chromogenic substrate for  $\beta$ -galactosidase. Similar to X-gal, but generates a purple colored precipitate ( $\lambda_{\text{abs}} \sim 575 \text{ nm}$ ) on enzyme hydrolysis. Protocol for using the material is similar to that for X-gal.

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

<b>FIRST AID:</b>	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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