



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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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

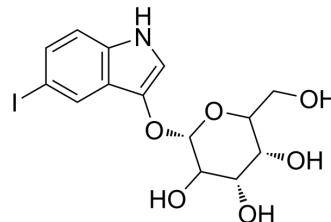
mail@szabo-scandic.com

www.szabo-scandic.com

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

Purple- β -D-Gal

Cat. No.:	HY-W154295
CAS No.:	36473-36-6
Molecular Formula:	C ₁₄ H ₁₆ INO ₆
Molecular Weight:	421.18
Target:	Fluorescent Dye
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Purple- β -D-Gal is a chromogenic β -galactosidase substrate. Intracellular enzymatic hydrolysis of Purple- β -D-Gal generates free indoxyl molecules, which undergo in situ oxidation and subsequent dimerization to produce chromogenic, water-insoluble, indigo precipitates. Purple- β -D-Gal can be used for the detection of β -galactosidase activity ^[1] .
IC ₅₀ & Target	β -galactosidase ^[1]

REFERENCES

[1]. Van Dort ME, et al. Radiosynthesis and evaluation of 5-[¹²⁵I]iodoindol-3-yl-beta-D-galactopyranoside as a beta-galactosidase imaging radioligand. Mol Imaging. 2008 Jul-Aug;7(4):187-97.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA