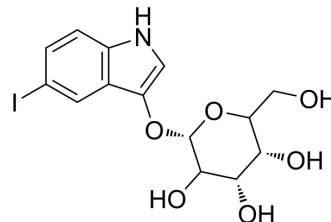


Purple-β-D-Gal

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