X-Gal

β-galactosidase substrate

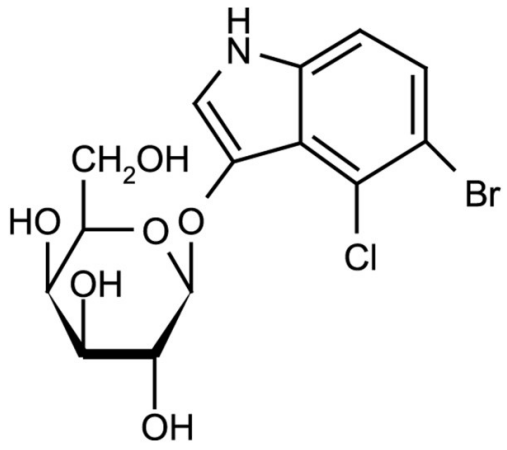
Chromogenic substrate for the enzyme β-galactosidase.

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ALX-582-002-G001	1g

Manuals, SDS & CofA View Online »


H
N
CH2OH
HO
O
O
OH
OH
Br
Cl

Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended.
Handling	Protect from light.
Long Term Storage	-20°C
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	5-Bromo-4-chloro-3-indolyl-β-D-galactoside
Appearance	White powder.
CAS	7240-90-6
Couple Target	Galactosidase
Couple Type	Substrate
Formula	$C_{14}H_{15}NO_6BrCl$
Identity	Determined by 1H-NMR.
MW	408.6
Purity	≥98% (HPLC, TLC)
Solubility	Soluble in dimethyl formamide

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