

Product datasheet

Magenta-Gal, Chromogenic beta-galactosidase substrate substrate ab146381

[1 Image](#)

Overview

Product name	Magenta-Gal, Chromogenic beta-galactosidase substrate
Description	Chromogenic β -galactosidase substrate.
Biological description	Chromogenic substrate for β -galactosidase producing a red or magenta insoluble product. Used to determine the presence or absence of a cloned DNA insert in bacteria growing on agar plates. Designed to replace X-Gal in blue-white selection of recombinant bacterial colonies with the lac^+ phenotype. Lac^+ colonies grown in the presence of Magenta-Gal turn an intense red color, allowing for easy differentiation between lac^+ and lac^- colonies.

CAS Number 93863-88-8

Chemical structure



Properties

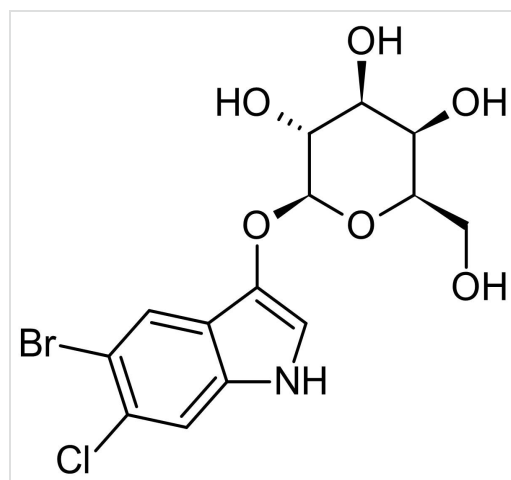
Molecular weight	408.63
Molecular formula	$C_{14}H_{15}BrClNO_6$
Storage instructions	Store at $-20^{\circ}C$. Store under desiccating conditions. The product can be stored for up to 12 months.
Solubility overview	Soluble in DMSO
Handling	Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at $-20^{\circ}C$. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.

Need more advice on solubility, usage and handling? Please visit our [frequently asked questions \(FAQ\) page](#) for more details.

Source

Synthetic

Images



Chemical Structure - Magenta-Gal, Chromogenic beta-galactosidase substrate (ab146381)

2D chemical structure image of ab146381, Magenta-Gal, Chromogenic beta-galactosidase substrate

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