

IPTG

Cat. No. GF101

Concentration: 500 mM

Storage: at -20°C for up to one year.

Description

Isopropylthio- β -galactoside (IPTG) is an effective inducer of β -galactosidase activity. It is commonly used with X-gal to detect *lac* gene activity in cloning based on blue/white selection. It is also used as an inducer of protein expression in *lac* or *tac* promoter-regulated expression vectors.

Applications

- IPTG used with X-gal in blue/white screening.
- Used as an inducer of protein expression under the control of *lac* or *tac* promoter.

For research use only, not for clinical diagnosis.

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