



IPTG

MW = 238.3 g/mol

Cat. No.	size
E0205-01	5 g

Storage Conditions: Store at -20°C.

IPTG (Isopropyl D-thiogalactopyranoside).

Description:

IPTG is a highly stable synthetic analog of lactose. It inactivates the lac repressor and induces synthesis of beta-galactosidase. The IPTG is used to induce the expression of cloned genes which are under control of the lac operon. It is used in conjunction with X-Gal to determine the lac phenotype in blue/white colony screening.

Quality Control:

Dioxane-free. Functional tested in blue/white colony screening.

This product is developed, designed and sold exclusively for research purposes and in vitro use only.