

Product Name : IPTG

Synonyms : Isopropyl-beta-D-thiogalactopyranoside

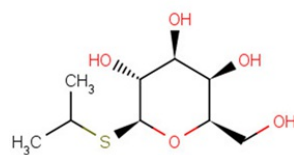
Cat No. : M18480

CAS Number : 367-93-1

Molecular Formula : C₉H₁₈O₅S

Formula Weight : 238.3

Chemical Name : (2R,3R,4S,5R,6S)-2-(hydroxymethyl)-6-(isopropylthio)tetrahydro-2H-pyran-3,4,5-triol



Description : Isopropyl thiogalactoside is a galactose and allolactose mimic that induces activation of lac operon, stimulating protein expression.

Pathway : Others

Target : Other Targets

Receptor : Others

Solubility : DMSO : ≥ 60 mg/mL; 251.78 mM

SMILES : CC(C)SC1C(C(C(O1)CO)O)O

Storage : (-20°C)

Stability : ≥ 2 years

Reference :