
Product Data Sheet

Product Name: Maltotriose

Cat. No.: GC30706

Chemical Properties

Cas. No. 1109-28-0

SMILES OC[C@@H](O[C@@]1(O[C@@H]2[C@@H](CO)O[C@@H]([C@@H]([C@H]2O)O)O[C@@]([H])([C@@H]([C@H](C=O)O)O)[C@@H](CO)O)[H])[C@H]([C@@H]([C@H]1O)O)OFormula C₁₈H₃₂O₁₆ M.Wt 504.44

Solubility DMSO : ≤15mg/mL, Water : 150 mg/mL Storage Store at -20°C, protect from light

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure **Background**

Maltotriose is a trisaccharide consisting of three glucose molecules linked with α -1,4 glycosidic bonds. It serves as an inducer of the maltose regulon of *E. coli*.¹

1. Raibaud, O., and Richet, E. Maltotriose is the inducer of the maltose regulon of *Escherichia coli*. *Bacteriol.* 169(7)3059-3061(1987)

Caution: Product has not been fully validated for medical applications. For research use only.

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