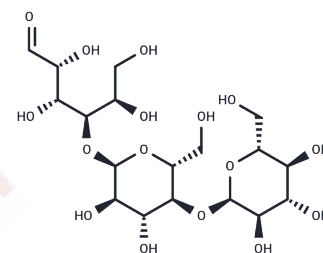


Maltotriose

Chemical Properties

CAS No. :	1109-28-0
Formula:	C ₁₈ H ₃₂ O ₁₆
Molecular Weight:	504.44
Storage:	Keep away from moisture, Store under nitrogen Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	Maltotriose is an inducer of E. coli maltose regulator, the second most abundant sugar in brewing. It induces beta-galactosidase synthesis.
Targets(IC50)	Endogenous Metabolite

Solubility Information

Solubility	DMSO: 50 mg/mL (99.12 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	---

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9824 mL	9.912 mL	19.824 mL
5 mM	0.3965 mL	1.9824 mL	3.9648 mL
10 mM	0.1982 mL	0.9912 mL	1.9824 mL
50 mM	0.0396 mL	0.1982 mL	0.3965 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Yuge O, et al. Maltotriose and maltotetraose excreted in urine following intravenous administration of maltose to human volunteers. *Jpn J Surg.* 1983 Jul;13(4):296-303.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481