

Product Data Sheet

Product Name: Maltobionic acid

Cat. No.: GC74694

Chemical Properties

Cas. No. 534-42-9

Formula $C_{12}H_{22}O_{12}$

M.Wt 358.3

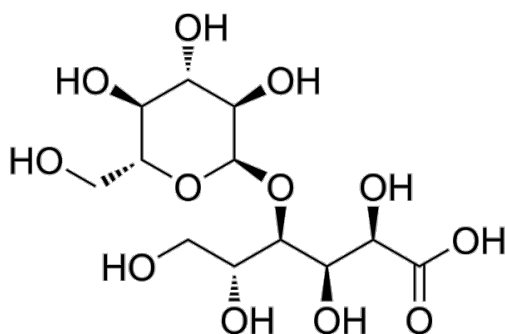
Solubility DMSO : 100 mg/mL (279.10 mM;
Need ultrasonic)

Storage -20°C

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

Maltobionic acid is a naturally-derived polyhydroxy bionic acid. Maltobionic acid shows iron chelating ability, antibacterial potential and cytoprotection.

References:

[1]. Roberta Cristina de Souza. Et al. Purification, bioactivity and application of maltobionic acid in active films. 3 Biotech. 2024 Jan;14(1):32.

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

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