
Product Data Sheet

Product Name: Erythritol
Cat. No.: GC18075

Chemical Properties

Cas. No. 149-32-6

Chemical Name (2S,3R)-butane-1,2,3,4-tetrol

SMILES C(C(C(CO)O)O)O

Formula C₄H₁₀O₄ M.Wt 122.12

Solubility ≥ 6mg/mL in DMSO Storage Store at -20°C, stored under nitrogen

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

meso-Erythritol is a sugar alcohol that occurs naturally in a variety of foods (e.g., pear, watermelon), is 60-80% as sweet as sucrose, and is an approved low-calorie sweetener food additive[1].

References:

[1]. Hootman KC, et al. Erythritol is a pentose-phosphate pathway metabolite and associated with adiposity gain in young adults. Proc Natl Acad Sci U S A. 2017 May 23;114(21):E4233-E4240.

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

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