

Product Data Sheet

Product Name: Sorbic acid

Cat. No.: GC38958

Chemical Properties

Cas. No. 110-44-1

SMILES C/C=C/C=C/C(O)=O

Formula $C_6H_8O_2$

M.Wt 112.13

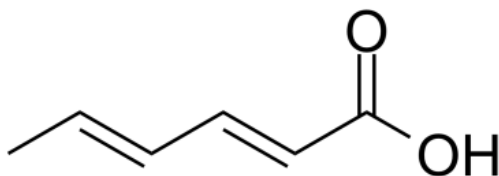
Solubility DMSO : 22mg/mL

Storage 4°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

Sorbic acid, isolated from *Sorbus aucuparia*, is a naturally occurring, highly efficient, and nonpoisonous food preservative. Sorbic acid generally is an effective inhibitor of most molds and yeasts and some bacteria[1].

[1]. Liewen MB, et al. Growth and Inhibition of Microorganisms in the Presence of Sorbic Acid: A Review. J Food Prot. 1985 Apr;48(4):364-375.

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

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