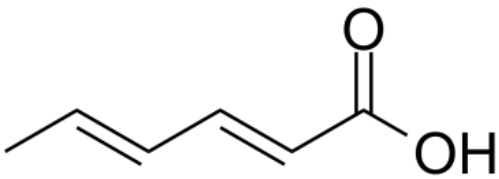
Product Data Sheet

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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