

Product Data Sheet

Product Name: Potassium sorbate

Cat. No.: GC64737

Chemical Properties

Cas. No. 24634-61-5

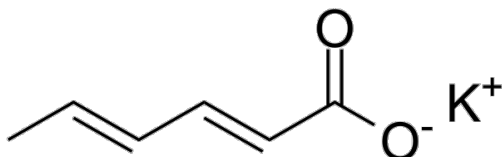
Formula $C_6H_7KO_2$ M.Wt 150.22

Solubility H_2O : 50 mg/mL (332.85 mM; Need ultrasonic); DMSO : < 1 mg/mL (insoluble or slightly soluble) Storage Store at 2-8°C, protect from light, away from moisture

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

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

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Potassium sorbate (Sorbic acid potassium) is a highly efficient, and nonpoisonous food preservatives. Potassium sorbate 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.

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