
Product Data Sheet

Product Name: L-Lyxose
Cat. No.: GC19562

Chemical Properties

Cas. No. 1949-78-6

Formula $C_5H_{10}O_5$

M.Wt 150.13

Solubility Very soluble (586 mg/mL) in water.

Storage Store at -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

L-Lyxose is the enantiomer of D-Lyxose, a monosaccharide and a reducing carbohydrate present in maple syrup. It is used in molecular modeling calculations in the study of drug binding and recognition in relation to aldose reductase. L-Lyxose is also utilized by *Escherichia coli*, encoding a kinase for L-Xylulose.

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

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