

Product Data Sheet

Product Name: L-Lyxose

Cat. No.: GC19562

Chemical Properties

Cas. No. 1949-78-6

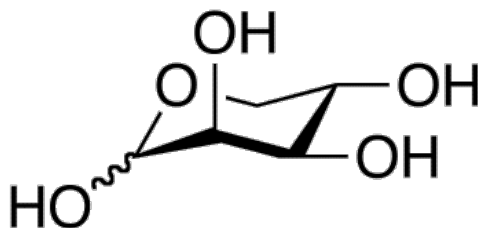
Formula $C_5H_{10}O_5$ M.Wt 150.13

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.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA