

Product Data Sheet

Product Name: L-Xylose
Cat. No.: GC39272

Chemical Properties

Cas. No. 609-06-3

SMILES O=C[C@H]([C@@H]([C@H](CO)O)O)O

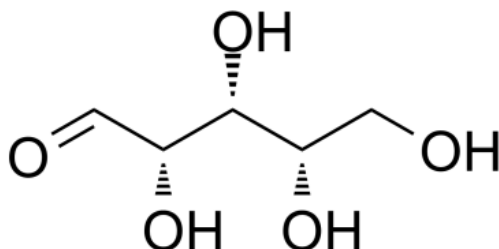
Formula $C_5H_{10}O_5$ M.Wt 150.13

Solubility DMSO : 30mg/mL; Water : 30mg/mL 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-Xylose (L-(-)-Xylose) is the levo-isomer of Xylose. Xylose is classified as a monosaccharide of the aldopentose type[1].

[1]. Wang XX, et al. The implementation of high fermentative 2,3-butanediol production from xylose by simultaneous additions of yeast extract, Na₂EDTA, and acetic acid. N Biotechnol. 2015 Aug 3.

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

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