

Product Data Sheet

Product Name: D-Xylulose

Cat. No.: GC31624

Chemical Properties

Cas. No. 551-84-8

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

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

Solubility Methanol: , 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.

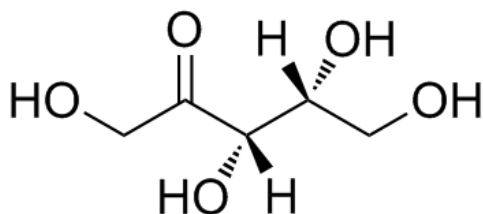
Caution: Product has not been fully validated for medical applications. For research use only.

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

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Structure



Background

D-xylulose is a precursor of the pentitol D-arabitol.

[1]. Huck JH, et al. Evaluation of pentitol metabolism in mammalian tissues provides new insight into disorders of human sugar metabolism. *Mol Genet Metab.* 2004 Jul;82(3):231-7.

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