
Product Data Sheet

Product Name: L-Arabitol

Cat. No.: GC10730

Chemical Properties

Cas. No. 7643-75-6

Chemical Name (2S,4S)-pentane-1,2,3,4,5-pentaol

SMILES OC[C@@](O)([H])C(O)[C@](O)([H])COFormula $C_5H_{12}O_5$

M.Wt 152.15

Solubility $\geq 15.2\text{mg/mL}$ in DMSOStorage 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-Arabinitol is a potential biomarker for the consumption of the food products such as sweet potato, deerberry, moth bean, and is also associated with Alzheimer's disease and ribose-5-phosphate isomerase deficiency.

References:

[1]. Shetty HU, et al. Cerebrospinal fluid and plasma distribution of myo-inositol and other polyols in Alzheimer disease. Clin Chem. 1996 Feb;42(2):298-302.

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

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