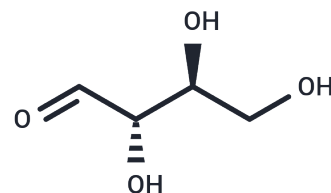


L-Erythrose

Chemical Properties

CAS No. :	533-49-3
Formula:	C ₄ H ₈ O ₄
Molecular Weight:	120.1
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	L(+)-Erythrose is an aldotetrose rare sugar. It may be used in glycation studies and as a reference compound in tetrose carbohydrate separation and quantitation analysis. It also can be used to help identify and characterize erythrose reductase(s) and to study the mechanisms of mutarotation in mono sugars.
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Solubility Information

Solubility	DMSO: Soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	8.3264 mL	41.632 mL	83.2639 mL
5 mM	1.6653 mL	8.3264 mL	16.6528 mL
10 mM	0.8326 mL	4.1632 mL	8.3264 mL
50 mM	0.1665 mL	0.8326 mL	1.6653 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Reference

Draskovits M, Stanetty C, Baxendale IR, Mihovilovic MD. Indium- and Zinc-Mediated Acyloxyallylation of Protected and Unprotected Aldotetroses-Revealing a Pronounced Diastereodivergence and a Fundamental Difference in the

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Tel: 781-999-4286 E_mail: info@targetmol.com Address: 36 Washington Street, Wellesley Hills, MA 02481