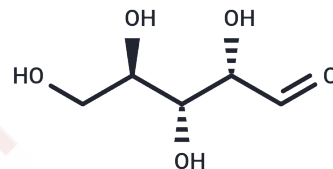


D-Arabinose

Chemical Properties

CAS No. : 10323-20-3
 Formula: C₅H₁₀O₅
 Molecular Weight: 150.13
 Appearance: no data available
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	Inexpensive starting material for chiral synthesis.
Targets(IC50)	Endogenous Metabolite

Solubility Information

Solubility	DMSO: 30 mg/mL (199.83 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	6.6609 mL	33.3045 mL	66.6089 mL
5 mM	1.3322 mL	6.6609 mL	13.3218 mL
10 mM	0.6661 mL	3.3304 mL	6.6609 mL
50 mM	0.1332 mL	0.6661 mL	1.3322 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

Wolucka B A . Biosynthesis of D-arabinose in mycobacteria - A novel bacterial pathway with implications for antimycobacterial therapy[J]. FEBS Journal, 2008, 275(11):2691-2711.

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