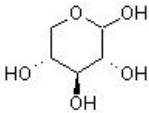


## Product datasheet

# Xylose, Monosaccharide reducing sugar ab143109

1 Image

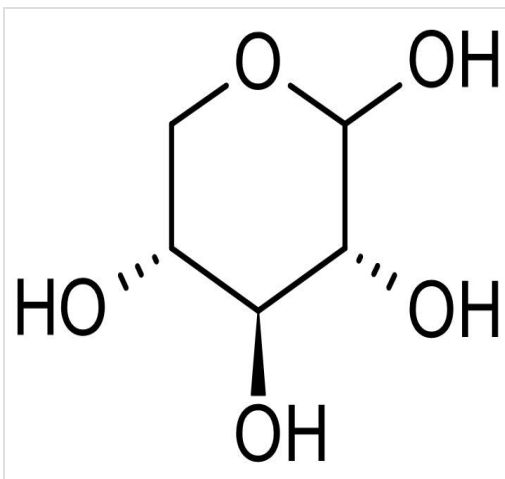
### Overview

<b>Product name</b>	Xylose, Monosaccharide reducing sugar
<b>Description</b>	Monosaccharide, reducing sugar
<b>Biological description</b>	Monosaccharide, reducing sugar. A structural component of plant cell walls.
<b>Purity</b>	> 99%
<b>CAS Number</b>	25990-60-7
<b>Chemical structure</b>	

### Properties

<b>Chemical name</b>	(2 <i>R</i> ,3 <i>S</i> ,4 <i>R</i> )-2,3,4,5-Tetrahydroxypentanal
<b>Molecular weight</b>	150.13
<b>Molecular formula</b>	C <sub>5</sub> H <sub>10</sub> O <sub>5</sub>
<b>PubChem identifier</b>	644160
<b>Storage instructions</b>	Store at +4°C. Store under desiccating conditions. The product can be stored for up to 12 months.
<b>Solubility overview</b>	Soluble in water to 100 mM and in DMSO to 100 mM
<b>Handling</b>	<p>Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.</p> <p>Need more advice on solubility, usage and handling? Please visit our <a href="#">frequently asked questions (FAQ) page</a> for more details.</p>
<b>SMILES</b>	OC[C@H]([C@@H]([C@H](C=O)O)O)O
<b>Source</b>	Synthetic

### Images



2D chemical structure image of ab143109, Xylose,  
Monosaccharide reducing sugar

Chemical Structure - Xylose, Monosaccharide  
reducing sugar (ab143109)

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

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