

Product Information

Pure pectin, Research grade

Cat. No.: X23-09-YW023

Size: 100 g; 500 g; 1 kg

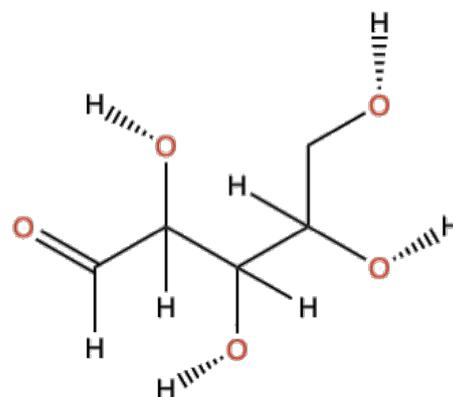
MDL: MFCD00081838

CAS Number: 9000-69-5

PubChem CID: 854

Synonym: DL-Arabinose; 2,3,4,5-Tetrahydroxypentanal; Poly-D-galacturonic acid methyl ester

This product is for research use only and is not intended for diagnostic use.



Product Information

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|--------------------------|---|
| Description | Pure pectin is a polysaccharide with a complicated structure and function which is high in galacturonic acid. |
| Molecular Weight | 25~50 kDa |
| Molecular Formula | $(C_7H_{20}O_6)_{130-260}$ |
| IUPAC Name | 2,3,4,5-Tetrahydroxypentanal |
| InChI | InChI=1S/C5H10O5/c6-1-3(8)5(10)4(9)2-7/h1,3-5,7-10H,2H2 |
| InChI Key | PYMYPHUHKUWMLA-UHFFFAOYSA-N |
| Canonical SMILES | C(C(C(C(C=O)O)O)O)O |
| Form | White to pale yellow amorphous powder |
| Purity | Galacturonic Acid (dried basis) ≥ 80.0 %. |
| Applications | Pectin is a heterosaccharide component of terrestrial plant cell walls, which can be used as a substrate to identify, differentiate and characterized pectinase. And pectin also can be used to study its degradation by pectinolytic bacteria. |
| Storage | Store at room temperature. |