

Product Information

Pectin, Research grade

Cat. No.: X23-09-YW019

Size: 25 g; 100 g; 500 g; 2.5 kg

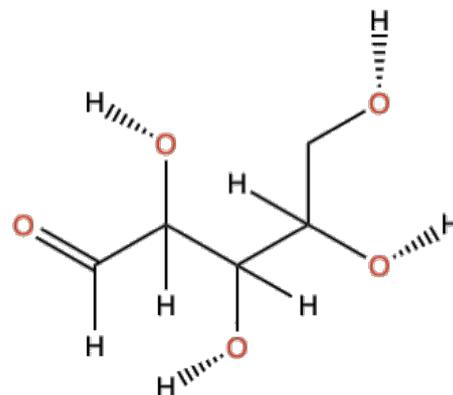
MDL: MFCD00081838

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

Description	Pectin is necessary for plant development, including growth, morphological changes, and immunity. It acts as a polymer stabilizer and is beneficial in food and specialty items.
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 light brown crystalline powder
Purity	Galacturonic Acid (dried basis) \geq 74.0%.
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 4°C.