

Product Information

Citrus pectin, Research grade

Cat. No.: X23-09-YW021

Size: 100 g; 125 g; 500 g; 2.5 kg; 20 kg

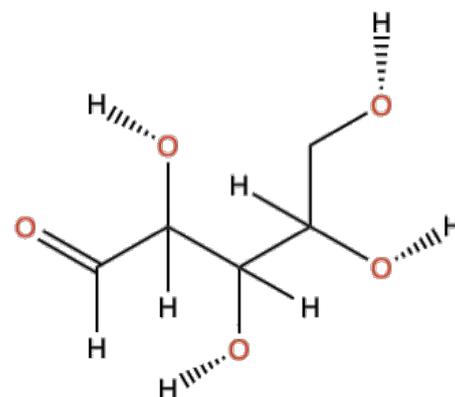
MDL: MFCD00081838

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	Citrus pectin is a heteropolysaccharide that can be obtained from the cell walls of higher plants.
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
Source	Citrus
Form	Light yellow powder
Purity	Galactronic Acid (dried basis) ≥58.0% and Methoxyl Group ≥6%.
Solubility	Soluble in H ₂ O (10 mg/mL).
Applications	Pectin can be made into nanoparticles that can be used as carriers for active molecules. Pectin is also an adsorbent, a broad-spectrum antimicrobial that binds bacterial toxins and other irritants in the intestinal mucous membranes, soothing irritated mucous membranes.
Storage	Store at room temperature.