

## Product Information

### Amylopectin, Waxy corn

**Cat. No.:** X22-09-ZQ198

**Size:** 25 g; 500 g

**MDL:** MFCD00130510

**CAS Number:** 9037-22-3

**Compound CID:** 439207

**PubChem Substance ID:** 87562080

**Synonym:** 9037-22-3; Amylopectine

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

#### Product Information

<b>Description</b>	Pectin is a structural acidic heteropolysaccharide contained in the primary and middle lamella and cell walls of terrestrial plants. Its main component is galacturonic acid. Amylopectin was extracted from waxy corn. This product can be used as a peri-workout supplement.
<b>Molecular Formula</b>	$(C_6H_{10}O_5)_n$
<b>InChI</b>	InChI=1S/C30H52O26/c31-1-6-11(35)13(37)19(43)28(50-6)55-24-9(4-34)52-27(21(45)16(24)40)48-5-10-25(56-29-20(44)14(38)12(36)7(2-32)51-29)17(41)22(46)30(53-10)54-23-8(3-33)49-26(47)18(42)15(23)39/h6-47H,1-5H2/t6-,7-,8-,9-,10-,11-,12-,13+,14+,15-,16-,17-,18-,19-,20-,21-,22-,23-,24-,25-,26+,27+,28-,29-,30-/m1/s1
<b>InChI Key</b>	WMGFVAGNIYUEEP-WUYNJSITSA-N
<b>Canonical SMILES</b>	<chem>C(C1C(C(C(C(O1)OC2C(OC(C(C2O)O)OCC3C(C(C(C(O3)OC4C(OC(C(C4O)O)O)CO)O)OC5C(C(C(C(O5)CO)O)O)CO)O)O)O</chem>
<b>Isomeric SMILES</b>	<chem>C([C@@H]1[C@H]([C@@H]([C@H]([C@H](O1)O[C@@H]2[C@H](O[C@@H]([C@@H]([C@H]2O)OC[C@@H]3[C@H]([C@@H]([C@H]([C@H](O3)O[C@@H]4[C@H](O[C@@H]([C@@H]([C@H]4O)O)CO)O)O[C@@H]5[C@@H]([C@H]([C@@H]([C@H](O5)CO)O)O)CO)O)O)O</chem>
<b>Source</b>	Waxy corn
<b>Ash Content</b>	<0.10%
<b>Form</b>	White powder
<b>Applications</b>	Amylopectin can be used as a peri-workout supplement.
<b>Storage</b>	Store at -20°C.



## Safety Information

**Personal Protective Equipment**      Gloves, eyeshields, N95 mask

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