

Product Information

Glycogen, Corn starch

Cat. No.: X22-09-ZQ175

Size: 1 g; 5 g; 25 g

MDL: MFCD00081547

CAS Number: 9005-79-2

Compound CID: 439177

PubChem Substance ID: 440776307

Synonym: 9005-79-2; Glycogen; Phytoglycogen; Lyoglycogen

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

Product Information

Description	Glycogen is a multibranched polysaccharide of glucose that serves as a form of energy storage in animals, fungi, and bacteria. Glycogen was extracted from corn. This product can be used in the research of cosmetic products and health care products.
InChI	InChI=1S/C24H42O21/c25-1-5-9(28)11(30)16(35)22(41-5)39-4-8-20(45-23-17(36)12(31)10(29)6(2-26)42-23)14(33)18(37)24(43-8)44-19-7(3-27)40-21(38)15(34)13(19)32/h5-38H,1-4H2/t5-,6-,7-,8-,9-,10-,11+,12+,13-,14-,15-,16-,17-,18-,19-,20-,21+,22+,23-,24-/m1/s1
InChI Key	BYSGBSNPRWKUQH-UJDJLXLFSA-N
Canonical SMILES	C(C1C(C(C(C(O1)OCC2C(C(C(C(O2)OC3C(OC(C(C3O)O)O)CO)O)OC4C(C(C(C(O4)CO)O)O)O)O)O)O)O
Isomeric SMILES	C([C@@H]1[C@H]([C@@H]([C@H]([C@H](O1)OC[C@@H]2[C@H]([C@@H]([C@H]([C@H](O2)O[C@@H]3[C@H](O[C@@H]([C@@H]([C@H]3O)O)CO)O)O)O[C@@H]4[C@@H]([C@H]([C@@H]([C@H](O4)CO)O)O)O)O)O)O
Source	Corn
Protein Content	<0.10%
Form	White powder
Purity	>80%
pH	5.0-7.0
Applications	Glycogen can be used in the research of cosmetic products and health care products.
Storage	Store at 2-8°C.



Safety Information

Personal Protective Equipment Gloves, eyeshields, N95 mask
