



Product Information

Sodium hyaluronate, MW 50-100 kDa

Cat. No.: X22-09-ZQ201

Size: 5 g; 25 g; 100 g; 250 g

MDL: MFCD00131348

CAS Number: 9067-32-7

Compound CID: 23663392

PubChem Substance ID: 310274714

Synonym: 9067-32-7; Hyaluronic acid sodium salt; Sodium hyaluronate

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

Product Information

Description	Hyaluronate is an anionic, nonsulfated glycosaminoglycan. This product can be used in the research of pharmaceutical products.
Molecular Weight	50-100 kDa
Molecular Formula	$(C_{14}H_{21}NNaO_{11})_n$
InChI	InChI=1S/C14H23NO11.Na/c1-4(17)15-5-2-6(18)7(3-16)24-14(5)26-10-8(19)9(20)13(23)25-11(10)12(21)22;/h5-11,13-14,16,18-20,23H,2-3H2,1H3,(H,15,17)(H,21,22);/q;+1/p-1/t5-,6+,7-,8-,9-,10+,11+,13-,14+;/m1./s1
InChI Key	MAKUBRYLFHZREJ-JWBQXVCJSA-M
Canonical SMILES	<chem>CC(=O)NC1CC(C(OC1OC2C(C(C(OC2C(=O)[O-])O)O)O)CO)O.[Na+]</chem>
Isomeric SMILES	<chem>OC[C@H]1O[C@@H](O[C@H]2[C@H](O)[C@@H](O)[C@@H](O[C@@H]2C(=O)[O-])O)[C@@H](C[C@@H]1O)NC(=O)C.[Na+]</chem>
Protein Content	<0.10%
Form	White powder
Purity	>95%
pH	5.0-8.5
Applications	Sodium hyaluronate can be used in the research of pharmaceutical products.
Storage	Store at -20°C.

Safety Information



**Personal Protective
Equipment**

Gloves, eyeshields, N95 mask
