

Product Information

Hyaluronate

Cat. No.: X22-09-ZQ133

Size: 50 mg; 100 mg; 200 mg; 500 mg; 1 g

MDL: MFCD00131348

CAS Number: 9004-61-9

Compound CID: 24728612

PubChem Substance ID: 310274713

Synonym: 9004-61-9; Hyaluronan; Hyaluronate

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

Product Information

Molecular Formula	(C ₁₄ H ₂₁ NO ₁₁) _n
InChI	InChI=1S/C28H44N2O23/c1-5(33)29-9-18(11(35)7(3-31)47-25(9)46)49-28-17(41)15(39)20(22(53-28)24(44)45)51-26-10(30-6(2)34)19(12(36)8(4-32)48-26)50-27-16(40)13(37)14(38)21(52-27)23(42)43/h7-22,25-28,31-32,35-41,46H,3-4H2,1-2H3,(H,29,33)(H,30,34)(H,42,43)(H,44,45)/t7-,8-,9-,10-,11-,12-,13+,14?,15-,16-,17-,18-,19?,20+,21+,22?,25?,26+,27+,28-/m1/s1
InChI Key	KIUKXJAPPMFGSW-YXBJCWEESA-N
Canonical SMILES	CC(=O)NC1C(C(C(OC1O)CO)O)OC2C(C(C(C(O2)C(=O)O)OC3C(C(C(C(O3)CO)O)OC4C(C(C(C(O4)C(=O)O)O)O)O)NC(=O)C)O)O
Form	White powder
Purity	>98%
Identity	Confirmed by ¹ H NMR.
Applications	Hyaluronate is a useful chemical compound for research and analytical purpose.
Storage	Store at -20°C.

Safety Information

Personal Protective Equipment	Gloves, eyeshields, N95 mask
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