|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Compounds** | **Structures (repeating units)** | **Functional groups** | **Molecular Weights (Da)** | **References** |
| **GM-0111** |  | R = SO3- or H | 5000 | 1 |
| **Heparin** |  | R = H or SO3-,  R' = CCH3 or SO3- | 17000-19000 | 2 |
| **Chondroitin sulfate**  (chondroitin-4-sulfate:chondroitin-6-sulfate = 1:0.33) |  | Chondroitin-4-sulfate:  R1 and = H  R2 = SO3- | 15000-20000 | 2, 3 |
| Chondroitin-6-sulfate:  R1 = SO3-  R2 and R3 = H |
| **Pentosan polysulfate** |  | R = SO3- | 5700 | 4 |

**References**

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