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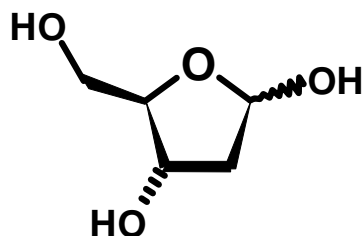
Product Specifications

2-Deoxy-D-ribose

CAS 533-67-5

Syn: 2-Deoxy-D-arabinose; 2-Deoxy-D-erythro-pentose; D-(-)-2-Deoxyribose; Deoxyribose; Thyminose

Structure:



Mol. Formula
Source

C₅H₁₀O₄
Synthetic

Mol. Wt.

134.13

| <i>Test</i> | <i>Specification</i> |
|----------------------------------|----------------------------------|
| Appearance | White, microcryst. solid |
| Mp | 89-90 °C; 82-86 °C [Lit.] |
| Assay (glpc) | > 98 % |
| Sp. Rot., [α]_D | ≤ - 54 ° (c=1, H ₂ O) |
| LOD | < 1% |
| pH | 6-8 |
| Ash (residue on ignition) | < 0.2% |
| Heavy metals | |
| Fe | < 5 ppm |
| Cu | < 0.1 ppm |
| As | < 0.5 ppm |

Storage: Maintain in cool, dry containment.