

Sorbitan oleate 215-665-4
 Sorbitan palmitate 247-568-8
 Sorbitan sesquioleate 232-360-1
 Sorbitan sesquistearate 257-529-7
 Sorbitan stearate 215-664-9
 Sorbitan triisostearate 259-141-3
 Sorbitan trioleate 247-569-3
 Sorbitan tristearate 247-891-4

19 Specific References

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20 General References

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21 Authors

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22 Date of Revision

4 May 2017.

Sorbitol

1 Nonproprietary Names

BP: Sorbitol
 JP: D-Sorbitol
 PhEur: Sorbitol
 USP–NF: Sorbitol

2 Synonyms

C*PharmSorbidex; E420; 1,2,3,4,5,6-hexanehexol; *Liponic 70-NC*; *Liponic 76-NC*; *Merisorb*; *Meritol*; *Neosorb*; *Sorbitab*; *Sorbitab SD 250*; sorbite; D-sorbitol; *Sorbitol Instant*; *Sorbitol Special*; sorbitolum; *Sorbogem*.

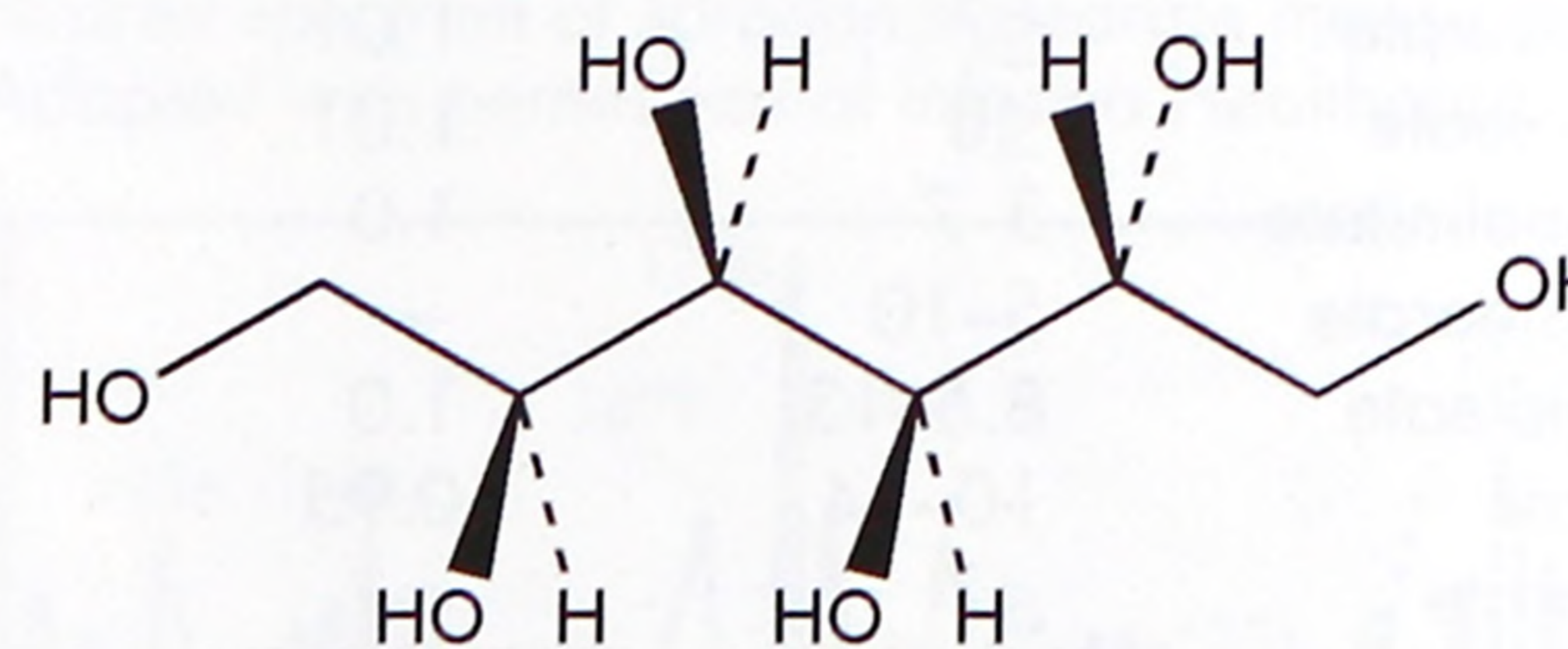
3 Chemical Name and CAS Registry Number

D-Glucitol [50-70-4]

4 Empirical Formula and Molecular Weight

C₆H₁₄O₆ 182.17

5 Structural Formula



6 Functional Category

Humectant; plasticizing agent; sweetening agent; tablet and capsule diluent.

7 Applications in Pharmaceutical Formulation or Technology

Sorbitol is widely used as an excipient in pharmaceutical formulations. It is also used extensively in cosmetics and food products; *see* Table I.

Sorbitol is used as a diluent in tablet formulations prepared by either wet granulation or direct compression.^(1–6) It is particularly