



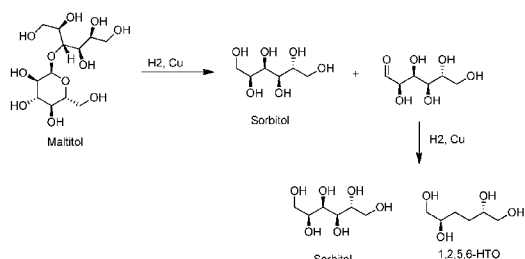
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(54) Title: SYNTHESIS OF SHORTER CHAIN POLYOLS

(57) **Abstract:** Disclosed herein are methods of synthesizing shorter chain polyols. Methods of hydrolyzing polysaccharides are further disclosed. The present invention is also directed towards methods of selectively synthesizing sorbitol.

Figure 1: Scheme for Synthesis of Sorbitol from Starch or Maltodextrin Feed Using Ru-S/C and Copper Catalyst



**Declarations under Rule 4.17:**

- *as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))*
- *as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))*

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