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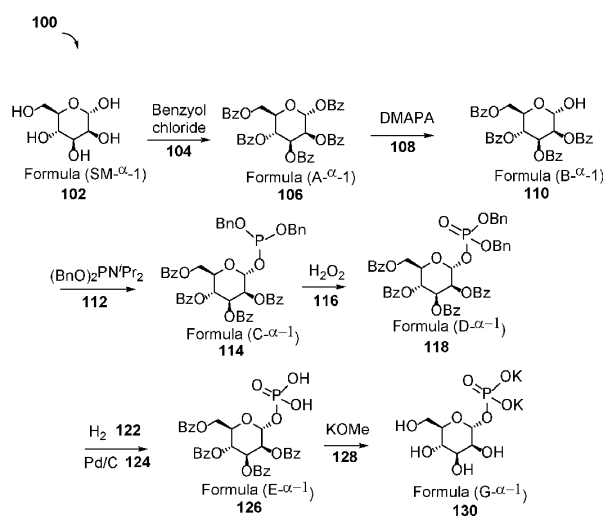
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(54) Title: CONTINUOUS FLOW METHODS FOR PRODUCING MANNOSE-1-PHOSPHATE, POLYMORPHS OF MANNOSE-1-PHOSPHATE, AND COMPOSITIONS AND USES RELATED THERETO

**FIG. 1**

(57) Abstract: Provided herein are methods of synthesizing and compositions comprising an alpha isomer of mannose-1-phosphate (M1P). For example, such methods employ techniques in flow chemistry to achieve a substantially pure alpha isomer of M1P. Also provided are compositions, including pharmaceutical compositions, comprising substantially pure alpha isomer of M1P. Provided herein are also polymorphic forms of M1P, including polymorphic forms that may be produced from the substantially pure alpha isomer of M1P.

[Continued on next page]

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