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(54) Title: KETOREDUCTASE ENZYMES FOR THE SYNTHESIS OF 1,3-DIOL SUBSTITUTED INDANES

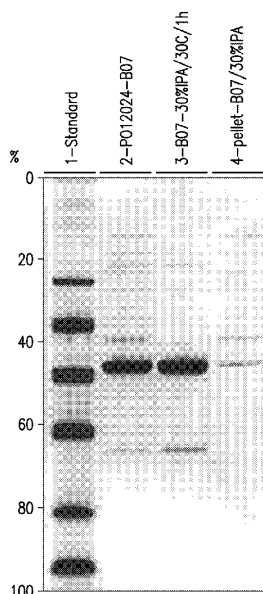


FIG. 1

(57) Abstract: The present disclosure provides ketoreductase enzymes having improved enzymatic properties including the capability of reducing hydroxy indanones to provide diastereomerically pure 1,3-indane diols useful for the synthesis of belzutifan. Also provided are polynucleotides encoding the ketoreductase enzymes, and host cells capable of expressing the ketoreductase enzymes. A purification procedure for isolating the ketoreductase enzymes is also provided.

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