



Catalytic Production Of 1,2,5,6-Hexanetetrol From Levoglucosenone

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The Invention

A method of making of 1,2,5,6-hexanetetrol ("tetrol"). The method includes the steps of contacting a reaction solution containing water as well as levoglucosenone, dihydrolevoglucosenone, and/or levoglucosan, with a catalyst containing metal and acid functionalities, at temperature of from about 100 °C to about 175 °C, and a hydrogen partial pressure of from about 1 bar to about 50 bar (about 0.1 MPa to about 5 MPa), and for a time wherein at least a portion of the reactant is converted into 1,2,5,6-hexanetetrol.

Additional Information

For More Information About the Inventors

- [George Huber](#)

Tech Fields

- [Clean Technology : Biobased & renewable chemicals & fuels](#)

For current licensing status, please contact Jennifer Gottwald at jennifer@warf.org or 608-960-9854