

## Synthesis of higher carbon sugars thio-functionalized with heterocycles

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## **Abstract**

In continuation of our studies on thio-functionalization of conjugated sugar systems<sup>1</sup>, we expanded the original protocol to include higher carbon sugars<sup>2</sup>.

The starting galactose enone 1 was synthesized according to the literature protocol<sup>3</sup> from galactose aldehyde. The base catalyzed Michael conjugate