

# Accepted Manuscript

Design, Synthesis and Biological Evaluation of 3'-Benzylated Analogs of 3'-*epi*-neoponkoranol as Potent  $\alpha$ -Glucosidase Inhibitors

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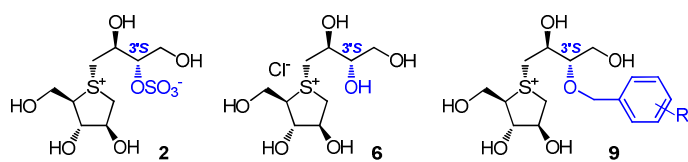
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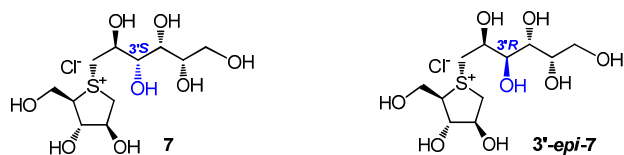
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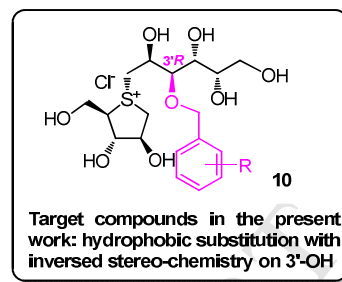




Increased  $\alpha$ -glucosidase inhibition by hydrophobic substitution on 3'-OH



Increased  $\alpha$ -glucosidase inhibition by stereo-inversion of 3'-OH



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