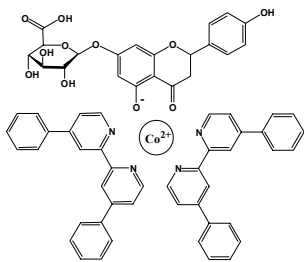


**Regioselectivity of Human UDP-Glucuronyltransferase 1A1
in the Synthesis of Flavonoid Glucuronides Determined by Metal Complexation
and Tandem Mass Spectrometry**

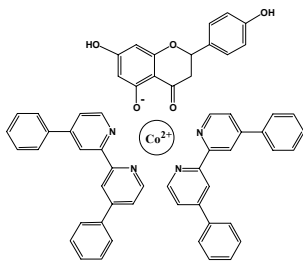
Barry D Davis and Jennifer S Brodbelt*

Department of Chemistry and Biochemistry,
University of Texas at Austin, Austin, TX 78712, USA

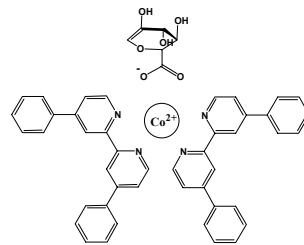
Supplemental Material



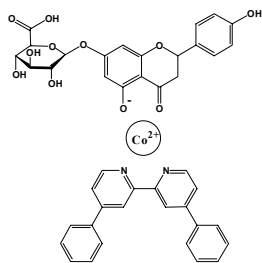
m/z 1170
precursor ion



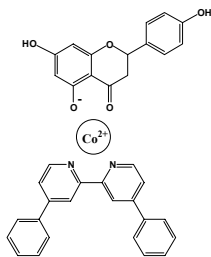
m/z 994
-GlcA



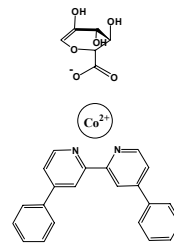
m/z 898
-Agl



m/z 838
-Aux



m/z 662
-(Aux + GlcA)



m/z 566
-(Aux + Agl)

Supplemental Figure 1. Proposed structures of fragment ions of the Co(II) (naringenin-H) (4,7-dpphen)₂]⁺.