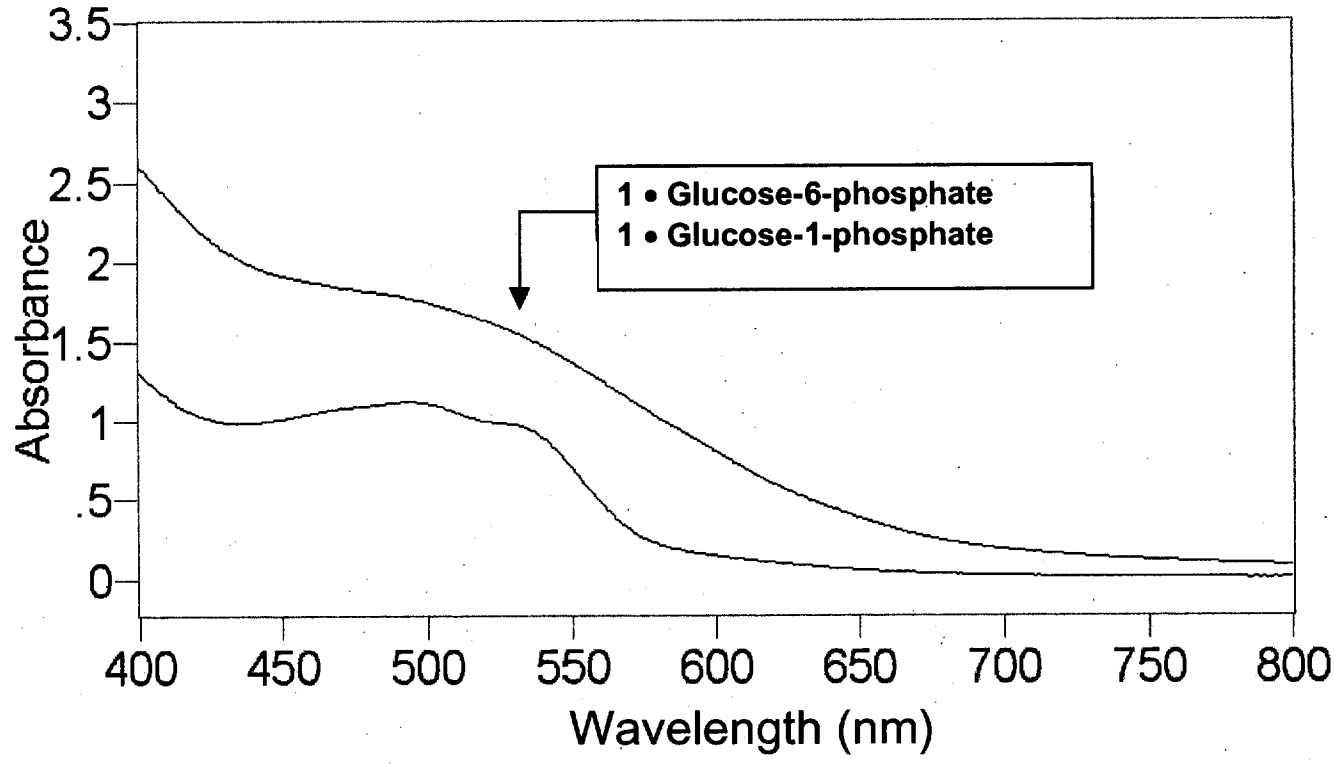

Figure 1. Absorption spectrum of macrocycle **1** upon heating at 100 °C for 1.5 minutes in the prescence of D-glucose-6-phosphate monosodium salt or α-D-glucose-1-phosphate disodium salt. (Conditions: Macrocycle **1** (5.2 mM) in DMSO / H_2O (10:1) and 3 equiv. carbohydrate)

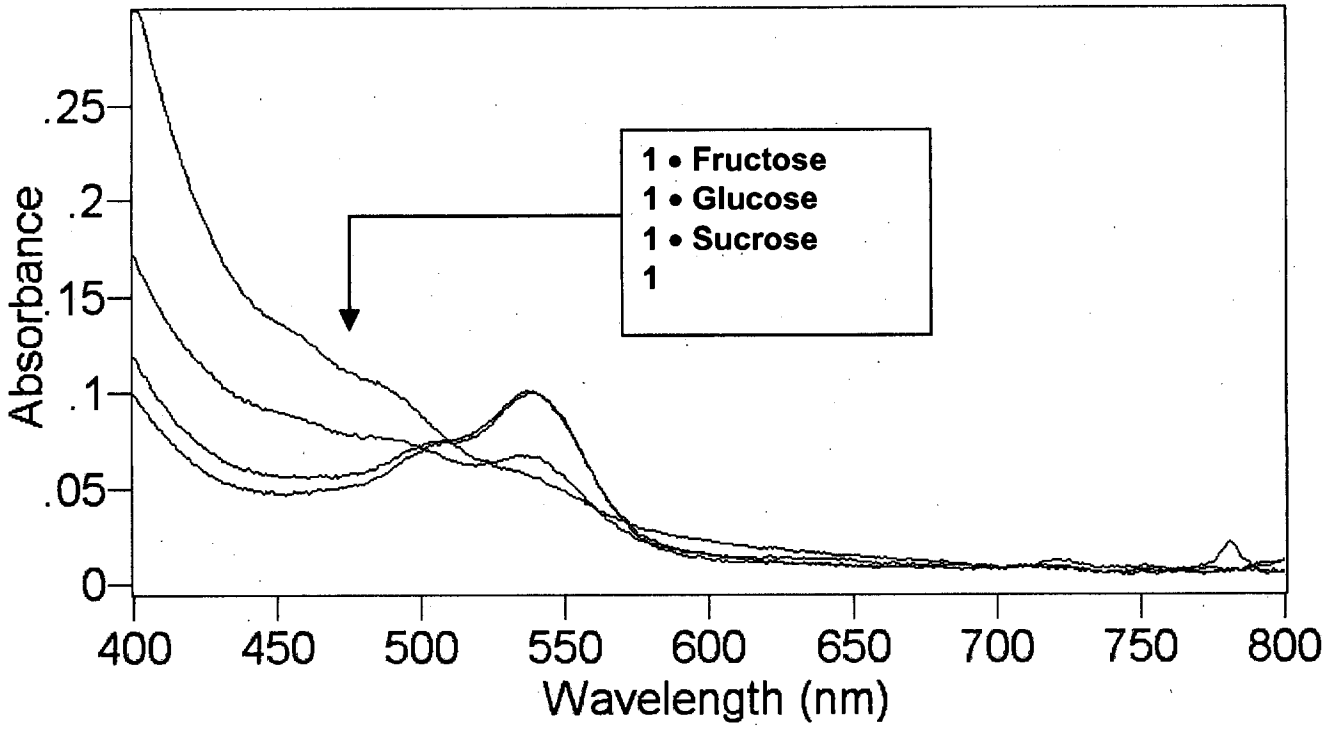

Figure 2. Absorption spectrum of macrocycle **1** upon heating at 90 °C for 1 minute in the prescence of D-(-)-fructose, sucrose, or α-D-glucose. (Conditions: Macrocycle **1** (5.2 mM) in DMSO / H_2O (10:1), 22 equiv. sodium sulfate, and 3 equiv. carbohydrate)

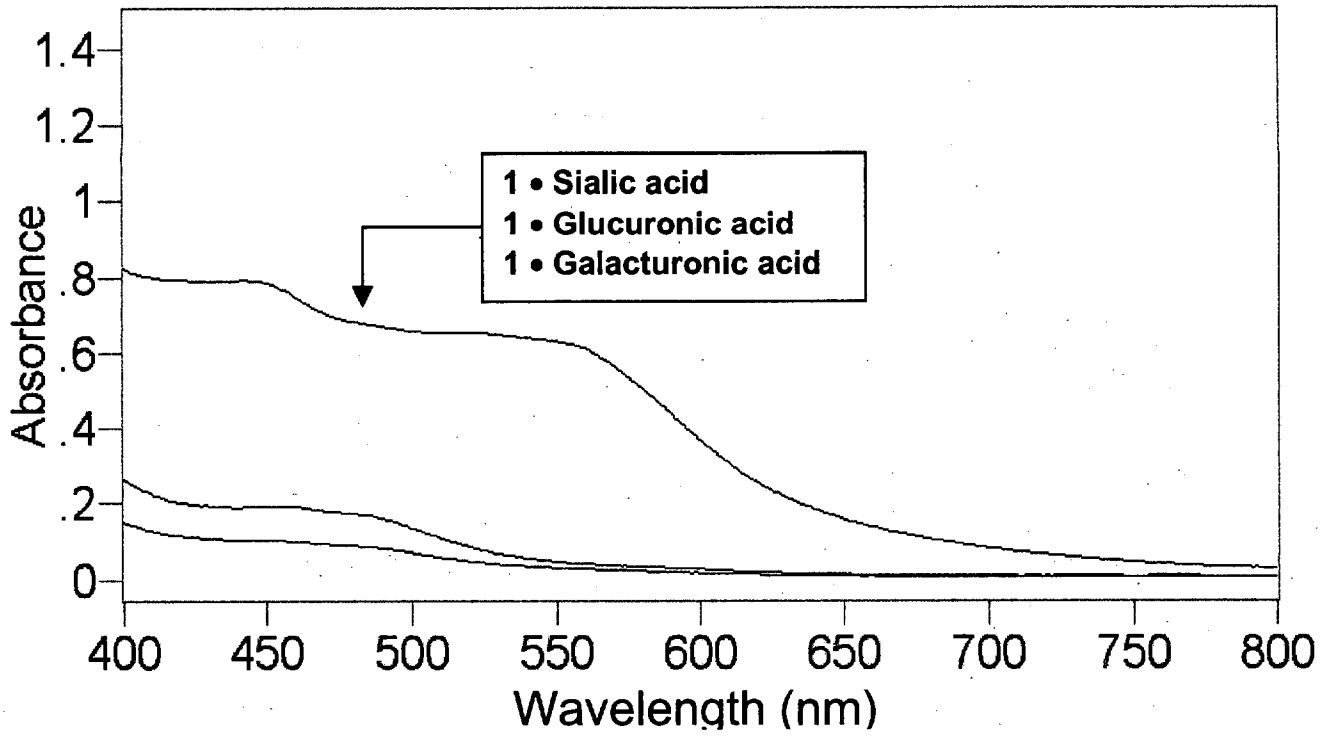

Figure 3. Absorption spectrum of macrocycle **1** upon heating at 90 °C for 1 minute in the prescence of D-glucuronic acid, D-galactaronic acid, or *N*-acetylneuramic acid . (Conditions: Macrocycle **1** (5.2 mM) in DMSO, 22 equiv. sodium sulfate, and 3 equiv. carbohydrate)

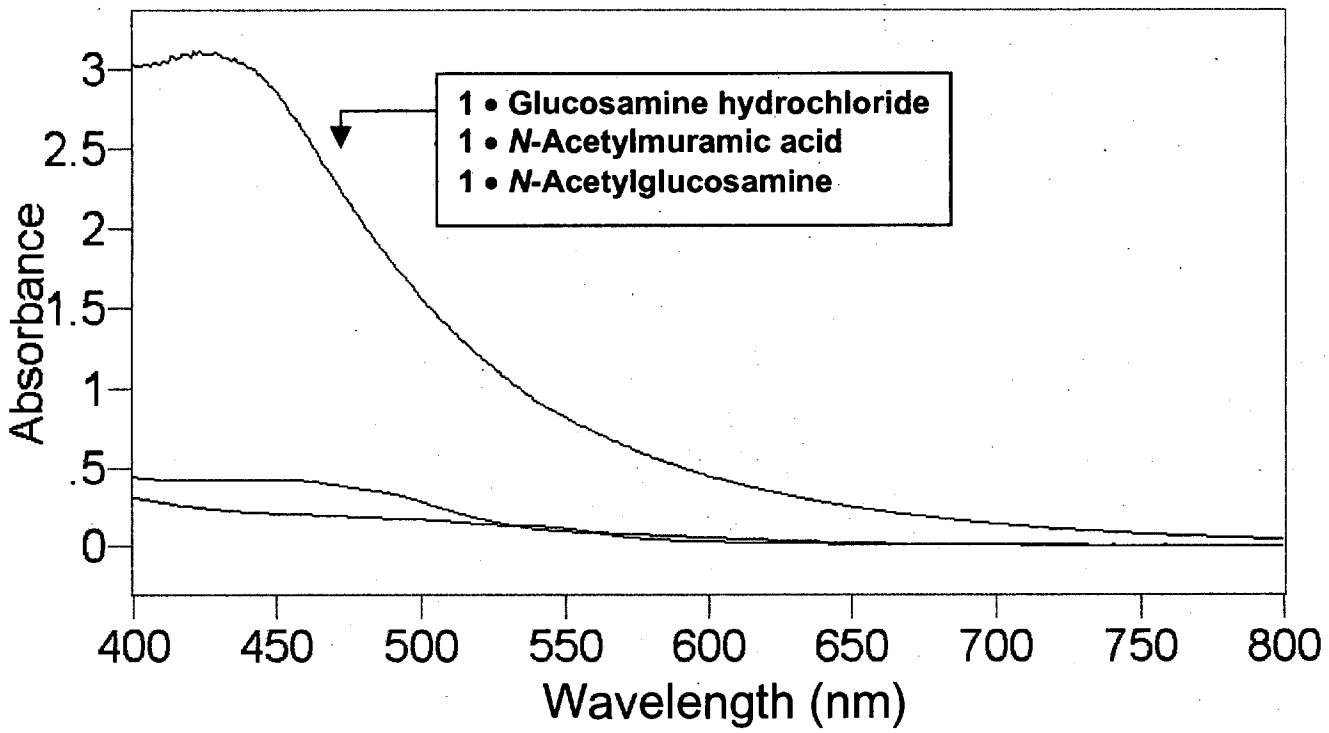

Figure 4. Absorption spectrum of macrocycle **1** upon heating at 90 °C for 1 minute in the prescence of D-glucosamine hydrochloride, (+)-*N*-acetylmuramic acid, or *N*-acety-D-glucosamine. (Conditions: Macrocycle **1** (5.2 mM) in DMSO, 22 equiv. sodium sulfate, and 3 equiv. carbohydrate)

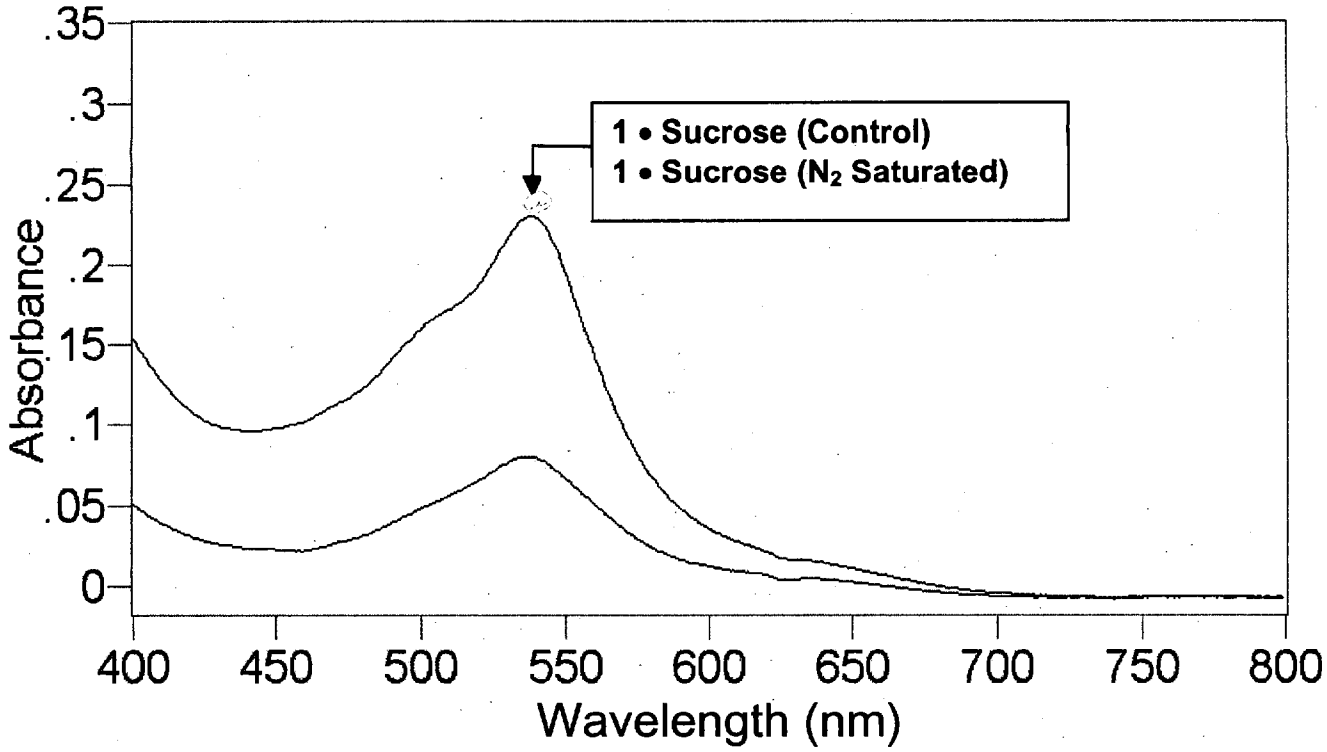

Figure 5. Absorption spectrum of macrocycle **1** upon heating at 189 °C for 3 minutes in the prescence of sucrose. (Conditions: Macrocycle **1** (5.2 mM) in DMSO / H_2O (10:1), 22 equiv. sodium sulfate, and 3 equiv. carbohydrate)

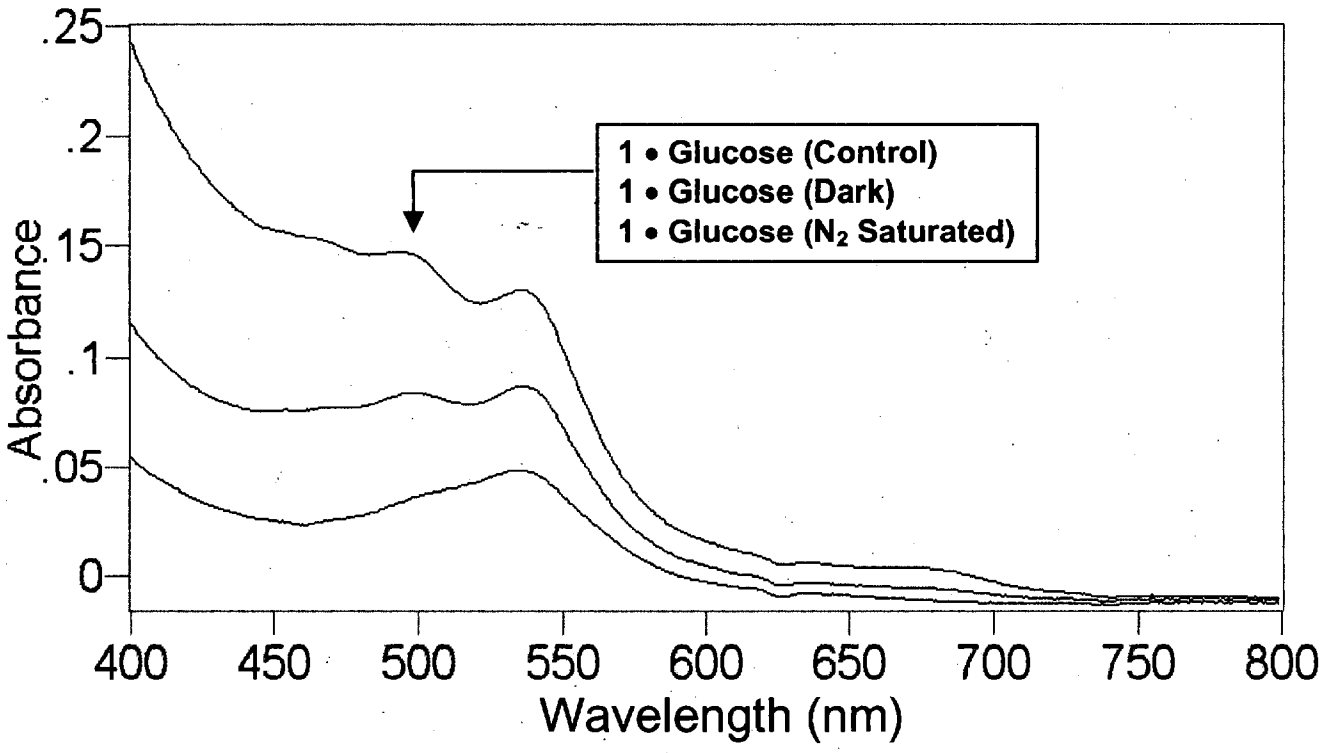

Figure 6. Absorption spectrum of macrocycle **1** upon heating at 189 °C for 3 minutes in the prescence of α-D-glucose. (Conditions: Macrocycle **1** (5.2 mM) in DMSO / H_2O (10:1), 22 equiv. sodium sulfate, and 3 equiv. carbohydrate)

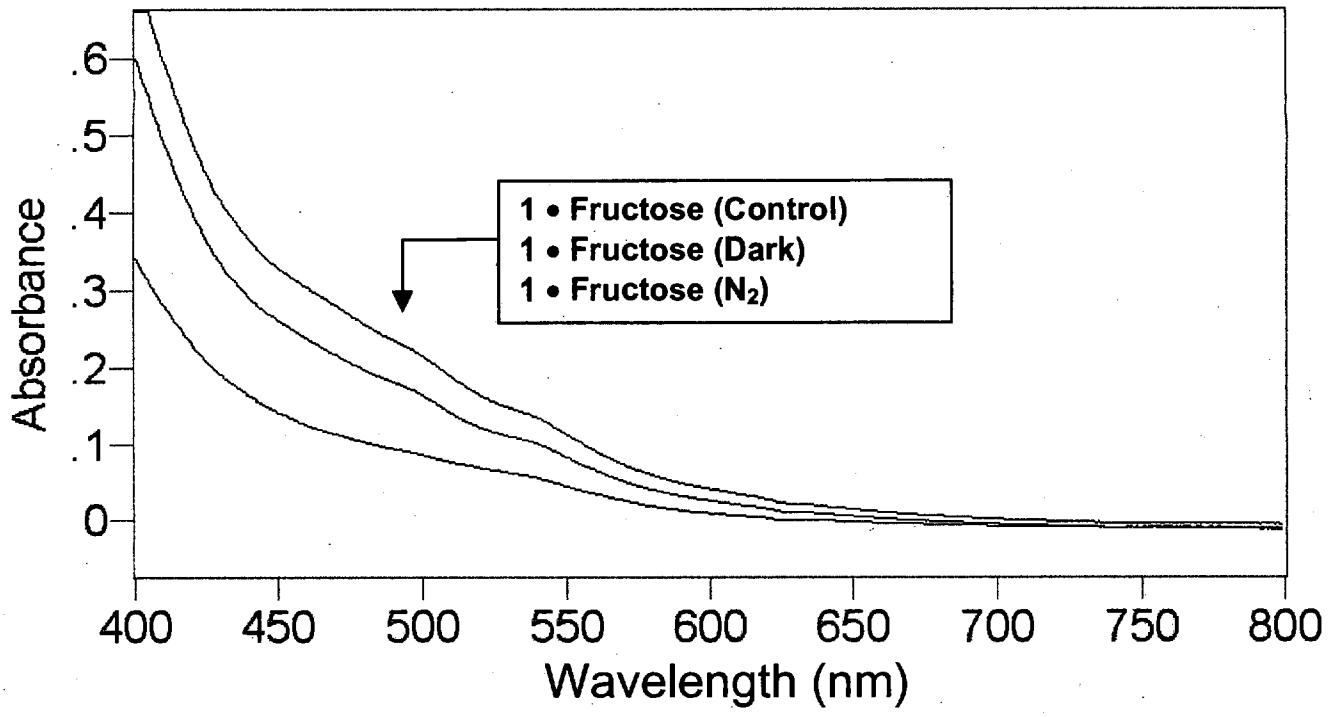

Figure 7. Absorption spectrum of macrocycle **1** upon heating at 189 °C for 3 minutes in the prescence of D-(-)-fructose. (Conditions: Macrocycle **1** (5.2 mM) in DMSO / H_2O (10:1), 22 equiv. sodium sulfate, and 3 equiv. carbohydrate)

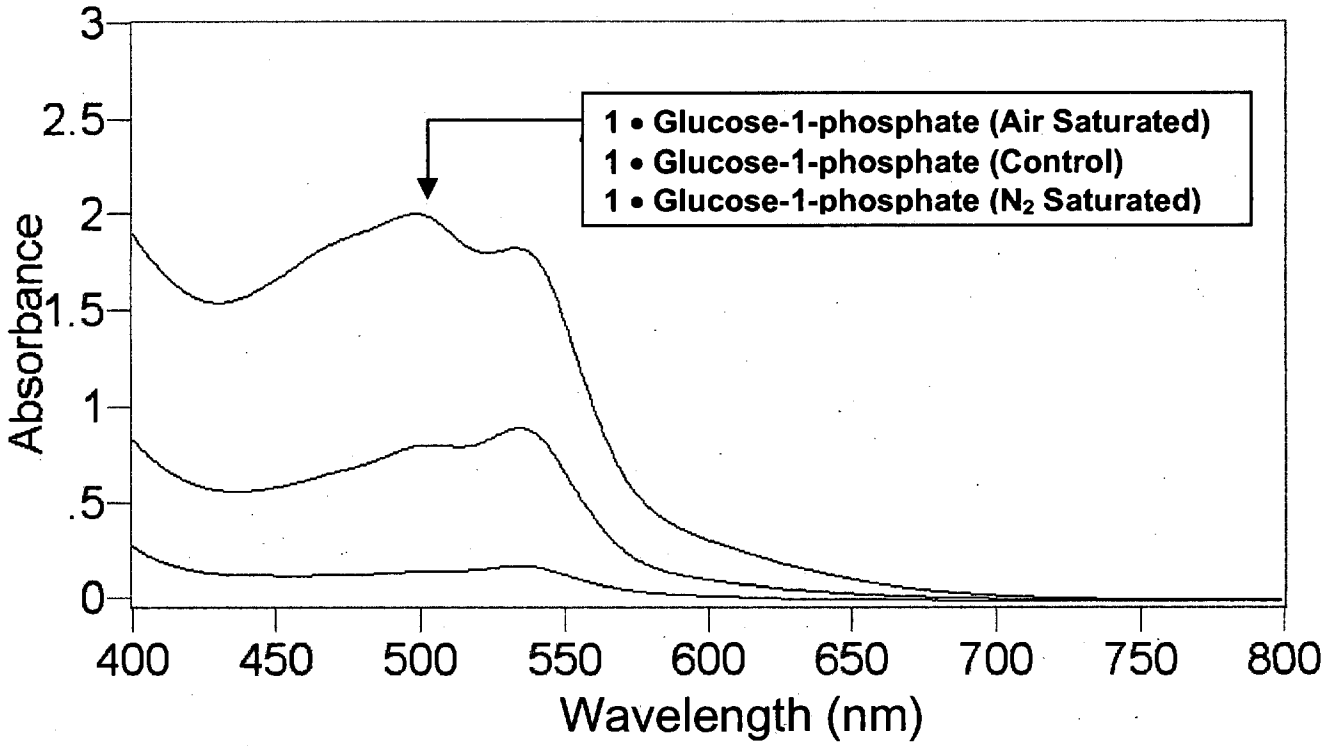

Figure 8. Absorption spectrum of macrocycle **1** upon heating at 189 °C for 3 minutes in the prescence of α-D-glucose-1-phosphate disodium salt. (Conditions: Macrocycle **1** (5.2 mM) in DMSO / H_2O (10:1) and 3 equiv. carbohydrate)

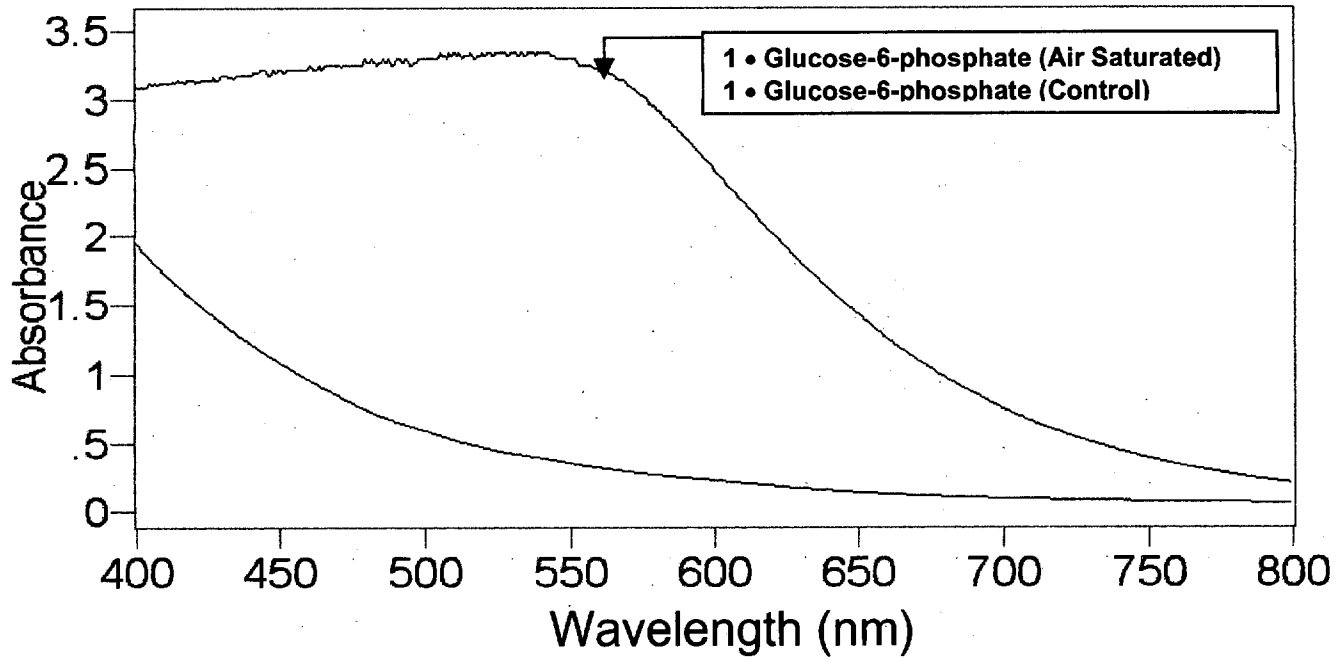

Figure 9. Absorption spectrum of macrocycle **1** upon heating at 189 °C for 3 minutes in the prescence of D-glucose-6-phosphate monosodium salt. (Conditions: Macrocycle **1** (5.2 mM) in DMSO / H_2O (10:1) and 3 equiv. carbohydrate)