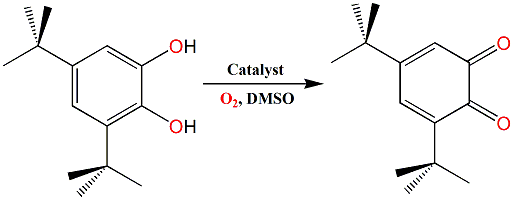


**Scheme** **1.** Synthesis of the Schiff base ligand (HL) and complex **1**.

****

**Scheme** **2.** Oxidation process of 3,5-DTBC to 3,5-DTBQ.