

Supporting information for:

Ti(IV)-Amine Triphenolate Complexes as Effective Catalysts for Sulfoxidation

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Figure S2. Experimental (A) and calculated (B) isotopic distribution for ion **A**. (10^{-5} M in CD₃OD).

¹H NMR (CDCl₃, 300 MHz) complex **2c**

¹H NMR (CDCl₃, 300 MHz) complex **2c** + 35% H₂O₂

¹H NMR (CD₂Cl₂, 300 MHz) complex **2c**

¹H NMR (CD₂Cl₂, 300 MHz) complex **2c** + 35% H₂O₂

¹H NMR (CD₃CN, 300 MHz) complex **2c**

¹H NMR (CD₃CN, 300 MHz) complex **2c** + 35% H₂O₂

¹H NMR (acetone-*d*₆, 300 MHz) complex **2c**

¹H NMR (acetone-*d*₆, 300 MHz) complex **2c** + 35% H₂O₂

¹H NMR (CD₃OD, 300 MHz) complex **2c**

¹H NMR (CD₃OD, 300 MHz) complex **2c** + 35% H₂O₂

Figure S1. ESI-MS of ion **A** obtained by obtained by direct injection of a solution 10^{-5} M of complex **2c** in CD_3OD .

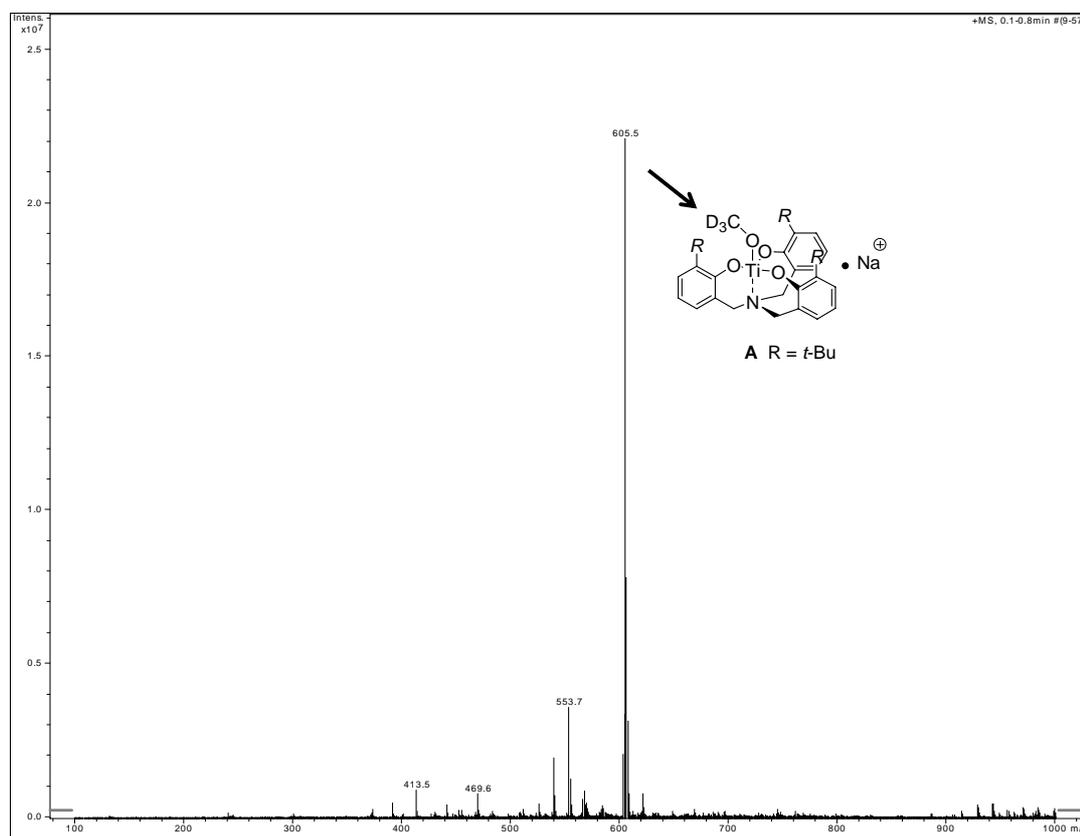
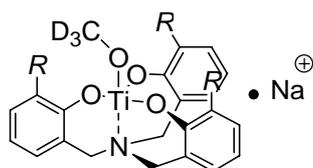
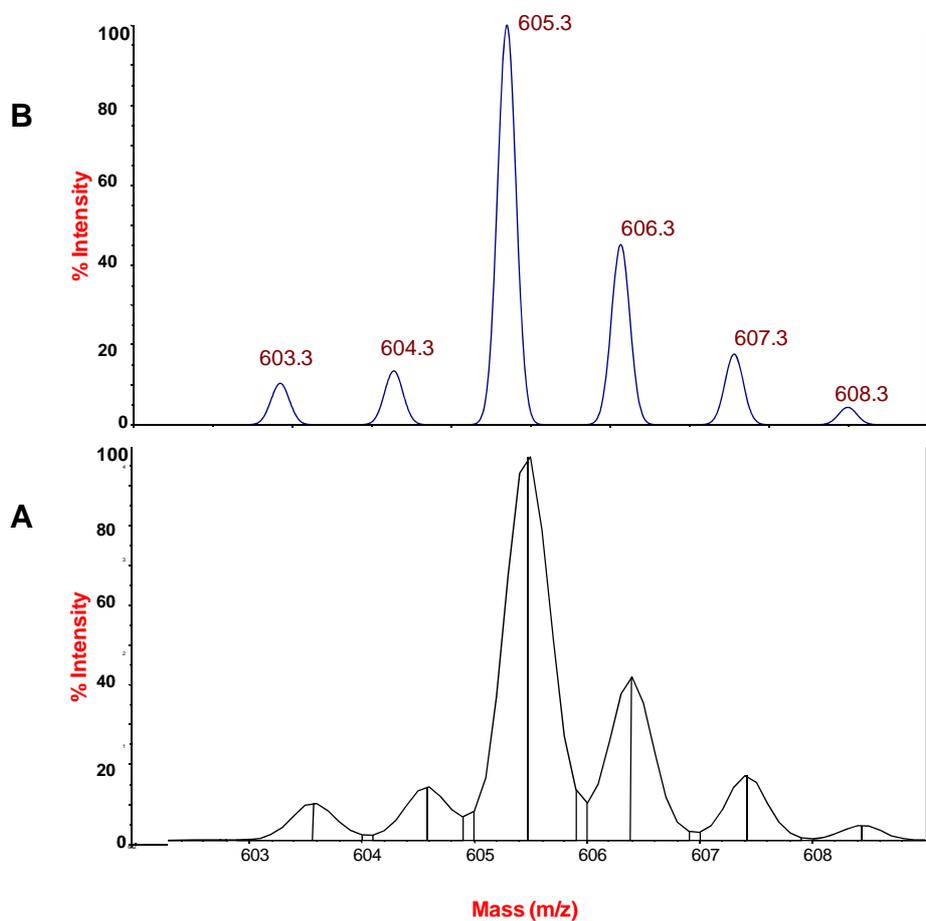


Figure S2. Experimental (A) and calculated (B) isotopic distribution for ion **A**. Obtained from direct injection ESI-MS experiment on complex **2c** (R= *t*-Bu) (10^{-6} M in CD₃OD).



A R = *t*-Bu

