**ReadMe File for the data accompanying the publication “On-Demand Release of Secondary Amine Bases for the Activation of Catalysts and Crosslinkers”**

Below follows a list to explain the codes used in all files.

BS 24: characterisation of bisaldoxime of isophthalaldehyde (Proton NMR)

BS 35: characterisation of urea **U1** (Proton and COSY NMR)

BS 39: characterisation of Fmoc-aniline (Proton and COSY NMR)

BS 56: characterisation of bischlorooxime (Proton and COSY NMR)

BS 73: characterisation of urea **U2** (Proton and COSY NMR)

BS 113: characterisation of urea **U3** (Proton and COSY NMR)

BS 144: NMR kinetics duplicates of kinetics of reaction of benzhydrazide (10 mM) with 4-nitrobenzaldehyde (10 mM) in 4/1 DMSO/D2O

BS 145: NMR kinetics duplicates of kinetics of reaction of benzhydrazide (10 mM) with 4-nitrobenzaldehyde (10 mM) in the presence of 50 mM **U1** in 4/1 DMSO/D2O

BS 146: NMR kinetics duplicates of kinetics of reaction of benzhydrazide (10 mM) with 4-nitrobenzaldehyde (10 mM) in the presence of 50 mM **U1** and 5 mM Fmoc-aniline in 4/1 DMSO/D2O

BS 147: NMR kinetics duplicates of kinetics of reaction of benzhydrazide (10 mM) with 4-nitrobenzaldehyde (10 mM) in the presence of 5 mM aniline in 4/1 DMSO/D2O

BS 148: NMR kinetics duplicates of kinetics of reaction of benzhydrazide (10 mM) with 4-nitrobenzaldehyde (10 mM) in the presence of 50 mM ethyl-*tert­*-butylamine in 4/1 DMSO/D2O

BS 74 & 154: NMR kinetics duplicates of kinetics of reaction of 5 mM Fmoc-aniline in the presence of 50 mM **U2** in 4/1 DMSO/D2O

BS 82 & 152: NMR kinetics duplicates of reaction of 5 mM Fmoc-aniline in the presence of 50 mM **U1** in DMSO

BS 54 & 151: NMR kinetics duplicates of reaction of 5 mM Fmoc-aniline in the presence of 50 mM **U1** in 4/1 DMSO/D2O

BS 162: NMR kinetics duplicates of reaction of 5 mM Fmoc-aniline in the presence of 50 mM **U1** in 4/1 DMSO/D2O at varying temperatures

BS 161: NMR kinetics duplicates of kinetics of reaction of 5 mM Fmoc-aniline with different bases: A) 50 mM base **1** in DMSO, B) 50 mM 2,2,6,6-tetramethylpiperidine in DMSO, C) 50 mM base **2** in DMSO, D) 50 mM 1-butylamine in DMSO, E) 50 mM base **1** in 4/1 DMSO/D2O

BS 194B: NMR kinetics of reaction of 10 mM bischlorooxime with 20 mM methyl acrylate and 20 mM urea **U1** in CDCl3

BS 193A: reaction of 50 mM aniline with 50 mM benzyl isocyanate in DMSO

BS 193B: hydrolysis of 50 mM benzyl isocyanate in 4/1 DMSO/D2O

DLS: DLS measurement to exclude supramolecular structure formation (see SI)