Compound **17a** - from quinoxaline *N*-oxide + MeI (no solvent) – product dissolved in DMSO-*d*6 (1H NMR) or DMSO (non-deuterated, 1H-15N HMBC NMR). See Supporting Information, pg. S18 – S19.



NMR Spectrometer: Bruker Avance III 600

Acquisition Software: Bruker Topspin version 3.5.7

Program used to process software: MestreNova

Reference Frequency for 1H NMR: 600 MHz

Reference Frequency for 15N NMR: 60.8 MHz

Unprocessed NMR spectra from the above reaction are provided in JCAMP-DX format. Since saving in this format does not allow preservation of correct integration curves (1D NMR spectra) or insertion of spectral traces (2D spectra), the spectra are provided in their original, unprocessed state, with the exception of application of t1 noise reduction to 1H-15N HMBC NMR spectra. The signal intensity in the 1H-15N HMBC NMR spectrum is low due to the low conversion in the reaction and the use of non-deuterated solvent for this spectroscopic experiment.