

# Zangger-Sterk (Bruker) Release Notes

---

Ralph Adams, Mathias Nilsson\* and Gareth Morris  
University of Manchester, Oxford Road, Manchester, M13 9PL  
mathias.nilsson@manchester.ac.uk  
<http://nmr.chemistry.manchester.ac.uk>

The pulse programme, associated macro, parameter sets and example data sets are provided without warranty and are Copyright © University of Manchester 2011.

The package contains the following:

- *push1dzs*, pulse sequence for 1D pure shift based on the Zangger-Sterk method.
- *pshift*, reconstruction macro for data collected using the push1dzs sequence.
- *BrukerZanggerSterkInstructions.pdf*, instructions for the use of the sequence.
- *ReleaseNotes.pdf*, this document.
- *data*, directory ordered in Bruker format containing:
  - *clari*, directory containing example data and parameters for 75 mM clarithromycin in DMSO.
  - *ethanol*, directory containing example data and parameters collected for 12.5% v/v butanol in D<sub>2</sub>O.
  - Expno 1 pulse programme is zg, 2 is push1dzs raw data, 1002 is data reconstructed with *pshift* macro.