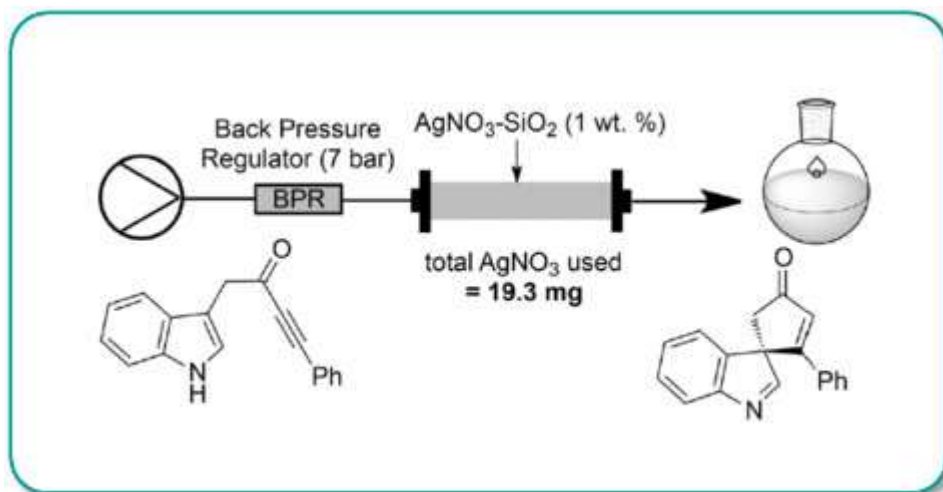


## Publication 57: Silica-Supported Silver Nitrate as a Highly Active Dearomatizing Spirocyclization Catalyst



Silver nitrate pre-absorbed onto silica gel has been shown to be an effective and efficient catalyst for promoting rapid and efficient de-aromatisation/spirocyclisation of alkyne tethered heteroaromatics.

Under flow-through conditions >20g of substrate was converted to product in quantitative yield using only 19mg of silver nitrate.

[A. K. Clarke, M. J. James, P. O 'Brien, R. J. K. Taylor, W. P. Unsworth, Angew. Chem. Int. Ed., 2016, DOI: 10.1002/anie.201608263](#)