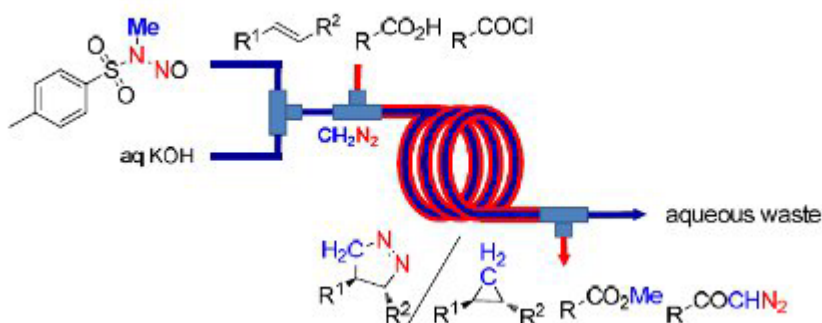


Publication 32: Continuous Flow Generation and Reactions of Anhydrous Diazomethane Using a Teflon AF2400 'Tube-in-Tube' Reactor



A continuous process for generation, separation and reaction of anhydrous diazomethane using an AF2400 'tube-in-tube' reactor has been developed.

This technique allows safe and scalable reactions with dry diazomethane to be performed on a laboratory scale and is exemplified by the preparation of methyl esters, aziridines, pyrazolines and alpha diazoketones, and by the N-methylation of heterocycles.

[F. Mastronardi, B. Gutmann, C. O. Kappe, Org. Proc. Res. Dev., 2013, DOI: 10.1021/ol4027914](#)