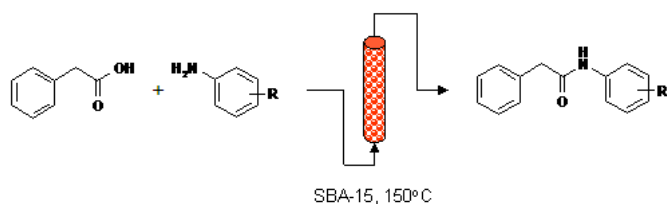


Publication 24: Direct Synthesis of Amides under Flow-Through Conditions



Amides can be synthesised continuously by condensation of carboxylic acids and amines under flow-through conditions in the presence of activated catalysts prepared from structured mesoporous silicas.

Structured mesoporous silicas (SBAs) are benign materials that were found to offer increased reaction rates in comparison to chromatographic silicas and are therefore particularly suited to continuous processing.

[J. W. Comerford, T. J. Farmer, D. J. Macquarrie, S. W. Breeden, and J. H. Clark, ARKIVOC, 2012, \(vii\), 282-293.](#)