Sequential C–C Bond Formation via Allylic and Benzylic Boronic Acids

Synthesis of a valid precursor to bakuchiol:

![Synthesis diagram](image)

Sequential reaction and final reaction with aldehydes:

![Sequential reaction diagram](image)

**Significance:** Allylic and benzylic boronic acids, prepared in situ from flow-generated diazo compounds and stable boronic acids, were used in sequential C–C bond formation reactions. For example, the sequential reaction of (4-methoxyphenyl)boronic acid with a flow-generated diazo compound and acetaldehyde gave a precursor of the natural product bakuchiol in 60% yield from a single operation.

**Comment:** The authors have recently reported the reaction of arylboronic acids with flow-generated diazo compounds (Chem. Sci. 2015, 6, 1120). The current paper describes the sequential formation of up to three C–C bonds.