

e

CCOC(=O)c1ccoc1 $\xrightarrow[\text{62\%}]{\text{C}_6\text{H}_{13}\text{COOH}, \text{H}_3\text{PO}_4, \text{TFAA}}$ OC(=O)c1cc(OC(=O)CCCC#C)oc1 $\xrightarrow[\text{65\%}]{\text{Et}_3\text{SiH}, \text{BF}_3 \cdot \text{OEt}_2}$ **1**