

Iodo destannylation of *N*-succinimidyl 3-(trimethylstannyl)benzoate using *N*-Iodosuccinimide as electrophilic iodine source

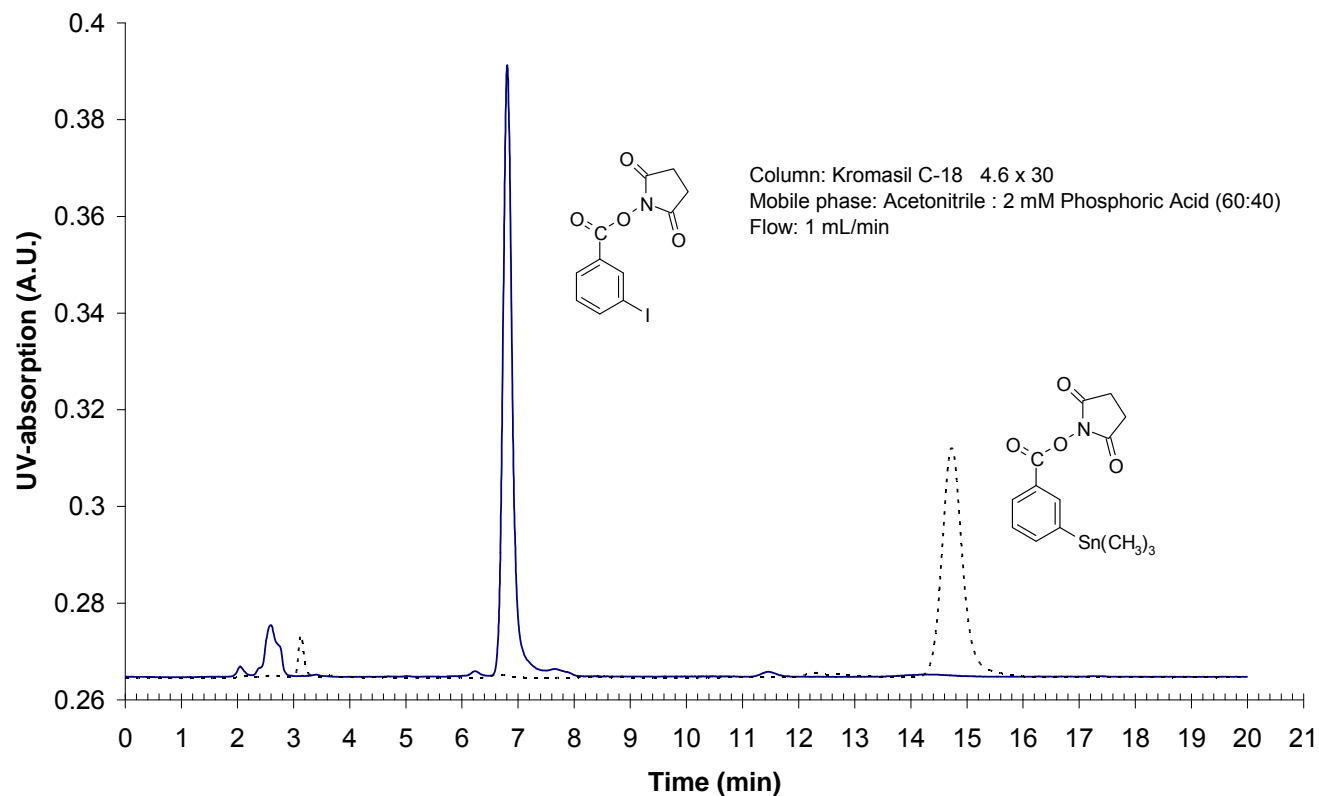


Figure 3. HPLC profile of *N*-succinimidyl 3-iodobenzoate, SIB, (solid line) following reaction of *N*-iodosuccinimide with *N*-succinimidyl 3-(trimethylstannyl)benzoate, m-MeATE, (dotted line). Reaction conditions: 1 nmole of m-MeATE was reacted with 10 nmole of NIS, in 10 μ l Methanol/1% Acetic acid, for 10 min. Corresponding NMR data of isolated product at 6.5-7.5 min is in agreement with *N*-succinimidyl 3-iodobenzoate: ^1H NMR (600 MHz, CDCl_3) δ 2.91 (s, 4H, CO-CH₂CH₂-CO), δ ~7.25 (t, C5-H), δ 8.01 (d, J = 7.9 Hz, 1H, C4-H), δ 8.10 (d, J = 7.9 Hz, 1H, C6-H) δ 8.47 (s, 1H, C2-H)