

Monitoring of Synthesized Compound with a SofTA™ ELSD

Overview

The following data shows the usefulness of the SofTA ELSD compared with a UV detector. As G-OMe does not have UV absorbance, it is difficult to monitor this synthesis reaction with a UV detector.

Source: G-OMe

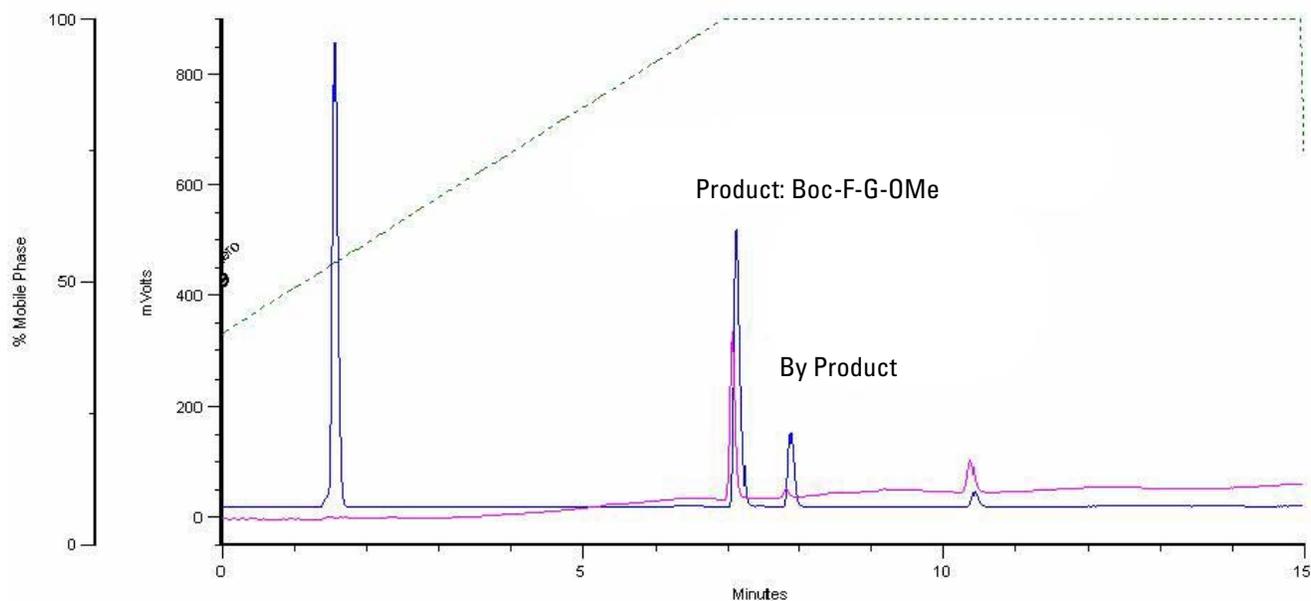


Figure 1: G-OMe (Glycine methylester) + Boc-F (Butoxy phenylalanine) = Boc-F-G-OMe

- Column: BETASILC18 4.6 x 150 mm L
- Col. Temp.: Ambient
- Mobile Phase: A_H2O, B_MeOH
- Gradient; 0 min 40% B, 7 min 100% B, 15 min 100% B
- Flow Rate; 1 ml/min
- ELSD: Blue line
- SC temp.: 45 °C
- DT temp.: 60 °C
- FLT; 0
- UV: 254 nm (0.001 au 10mV) Red line

Teledyne ISCO

P.O. Box 82531, Lincoln, Nebraska, 68501 USA
Toll-free: (800) 228-4373 • Phone: (402) 464-0231 • Fax: (402) 465-3091
www.teledyneisco.com



Teledyne ISCO is continually improving its products and reserves the right to change product specifications, replacement parts, schematics, and instructions without notice.