

Tetrazine PEG Protocol

Procedure

0.01 mmol (9 mg) of A was dissolved in 0.5 ml DMF and mixed dropwise with a 0.01 molar solution of tetrazine B. After each addition, the red color of the tetrazine disappeared immediately, and the tetrazine was added until the red color disappeared. DMF is evaporated under high vacuum. The mass of the residue shows the molecular peak of C, and a small amount of unreacted A.

Reference

- [1] Wiessler, Manfred et al., Eur. Pat. Appl., 1867638, 19 Dec 2007
- [2] Denk, Christoph et al., Bioconjugate Chemistry, 27(7), 1707-1712; 2016;
- [3] Denk, Christoph et al., Angewandte Chemie, International Edition, 53(36), 9655-9659; 2014;
- [4] Braun, Klaus et al., International Journal of Medical Sciences, 7(6), 326-339; 2010.