

## **Tetrazine-TCO Ligation**

## **Procedure**

Dissolve 0.01 mmol (9 mg) a in 0.5 ml DMF and mix with 0.01 mol tetrazine B solution drop by drop. After each addition, the red color of tetrazine disappears immediately, and tetrazine is added until the red color disappears. 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.