

Correction to "Synthesis of 2-Thiocarbohydrates and Their Binding to Concanavalin A"

Prashant Pavashe, Elangovan Elamparuthi, Cornelia Hettrich, Heiko M. Möller, and Torsten Linker* *J. Org. Chem.* 2016, 81 (18), 8595–8603. DOI: 10.1021/acs.joc.6b00987

uring production of our manuscript, we became aware of another important publication on binding studies of thiocarbohydrates to concavalin A.¹ Although the authors used different binding assays by QCM biosensors and not ITC or STD NMR, they obtained similar binding constants for the thiocarbohydrate *manno-5a*. Thus, our statement that "binding constants of free thiols to Con A are hitherto unknown" on page 8597 is incorrect. However, our synthetic route to thiocarbohydrates by radical addition to glycals is novel and convenient, and our ITC and STD NMR experiments provide novel, detailed insight into the thermodynamics and binding mode of this molecular interaction. We apologize for overlooking this paper.

REFERENCES

(1) Wu, B.; Ge, J.; Ren, B.; Pei, Z.; Dong, H. Tetrahedron 2015, 71, 4023-4030.

