toxins

MDPI

Correction

Correction: Addante-Moya et al. Assessment of the Optimum Linker Tethering Site of Alternariol Haptens for Antibody Generation and Immunoassay Development. *Toxins* 2021, *13*, 883

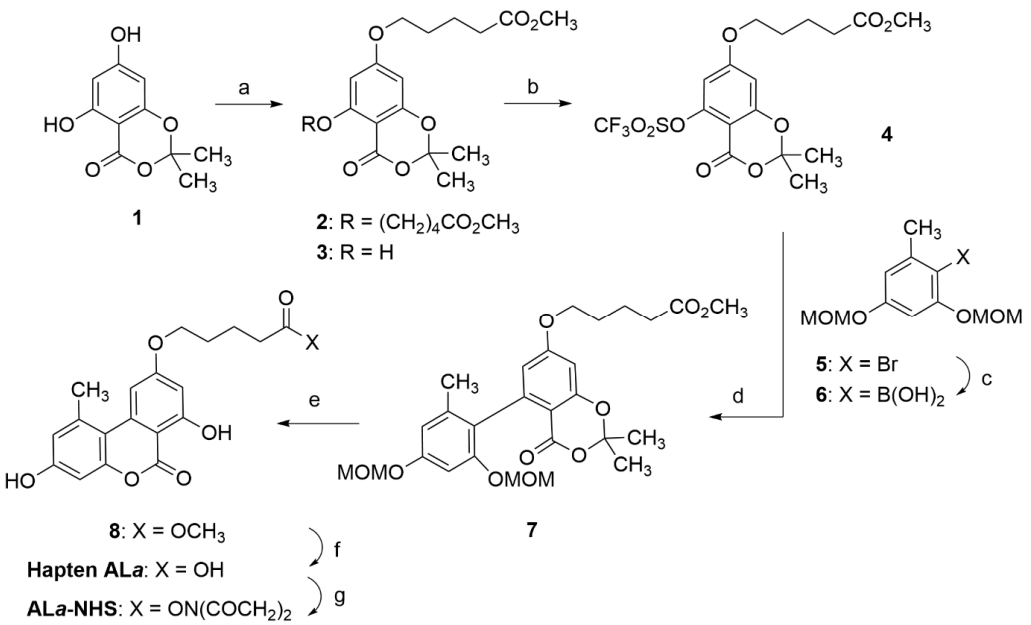
Luis G. Addante-Moya [1], Antonio Abad-Somovilla [1], Antonio Abad-Fuentes [2], Consuelo Agulló [1] and Josep V. Mercader [2,*]

[1] Department of Organic Chemistry, University of Valencia, Doctor Moliner 50, 46100 Burjassot, Valencia, Spain
[2] Spanish Council for Scientific Research, Institute of Agrochemistry and Food Technology, Agustí Escardino 7, 46980 Paterna, Valencia, Spain
* Correspondence: jvmercader@iata.csic.es

Misplace of Schemes

In the original publication [1], Schemes 1 and 2 are misplaced due to mistakes in the publication process. Scheme 1 should be placed in the position of Scheme 2 and vice versa.

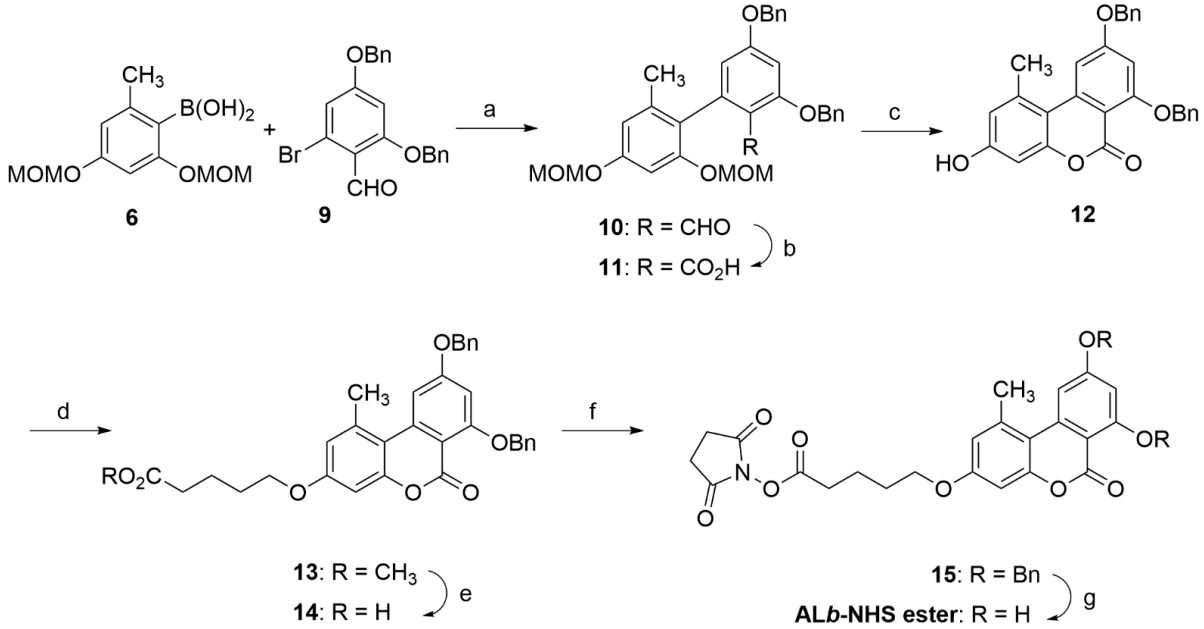
The correct schemes should be as follows:



Scheme 1. Synthesis of **AL*a*-NHS** ester. Reagents and conditions: (a) $Br(CH_2)_4CO_2CH_3$, K_2CO_3, KI, Bu_4NBr, acetone, reflux, 16 h, 75% of **3**. (b) Tf_2O, pyridine, 0 °C to rt, 20 h, 91%. (c) i. n-BuLi, THF, −78 °C, 40 min; ii. $B(O^iPr)_3$, −78 °C to 0 °C, 1.5 h, 93%. (d) $Pd(PPh_3)_4$, K_2CO_3, DMF, 93 °C, 24 h, 75%. (e) i. HCl, MeOH, rt, 22 h; ii. TFA, CH_2Cl_2, rt, 20 h, 97%. (f) Lipase acrylic resin, THF-PB 100 mM, rt, 20 h, 93%. (g) EDC·HCl, NHS, DMF, rt, overnight, 99% of crude product.

Citation: Addante-Moya, L.G.; Abad-Somovilla, A.; Abad-Fuentes, A.; Agulló, C.; Mercader, J.V. Correction: Addante-Moya et al. Assessment of the Optimum Linker Tethering Site of Alternariol Haptens for Antibody Generation and Immunoassay Development. *Toxins* 2021, *13*, 883. *Toxins* **2023**, *15*, 162. https://doi.org/10.3390/toxins15020162

Received: 9 February 2023
Accepted: 9 February 2023
Published: 16 February 2023



Scheme 2. Synthesis of **AL*b*-NHS** ester. Reagents and conditions: (a) $Pd(PPh_3)_4$, K_2CO_3, DMF, 95 °C, 19 h, 77%. (b) $NaH_2PO_4 \cdot H_2O$, $NaClO_2$, ^tBuOH-H_2O (5:1), rt, 5 h, 96%. (c) ^iPrOH, THF, conc HCl, 55 °C, 24 h, 98%. (d) $Br(CH_2)_4CO_2CH_3$, Cs_2CO_3, DMF, 94%. (e) Lipase acrylic resin, THF-PB 100 mM, rt, 20 h, 99%. (f) EDC·HCl, NHS, DMF, rt, overnight. (g) 5% Pd/C, acetone, H_2 (1.5 atm), rt, 19 h, 95% of crude product from **14**.

The authors state that the scientific conclusions are unaffected. The original publication has also been updated.

Reference

1. Addante-Moya, L.G.; Abad-Somovilla, A.; Abad-Fuentes, A.; Agulló, C.; Mercader, J.V. Assessment of the Optimum Linker Tethering Site of Alternariol Haptens for Antibody Generation and Immunoassay Development. *Toxins* **2021**, *13*, 883. [CrossRef]