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Correction to: Advances in the automated synthesis of 6-[18F]Fluoro-L-DOPA



Ângela C. B. Neves¹, Ivanna Hrynchak¹, Inês Fonseca¹, Vítor H. P. Alves¹, Mariette M. Pereira², Amílcar Falcão^{1,3} and Antero J. Abrunhosa^{1*}

The original article can be found online at https://doi.org/10.1186/s41181-021-00126-z.

* Correspondence: antero@pet.uc.pt
¹ICNAS/CIBIT — Institute for Nuclear
Sciences Applied to Health,
University of Coimbra, Pólo das
Ciências da Saúde, Azinhaga de
Santa Comba, 3000-548 Coimbra,
Portugal

Full list of author information is available at the end of the article

Correction to: EJNMMI Radiopharm Chem 6, 11 (2021) https://doi.org/10.1186/s41181-021-00126-z

Following publication of the original article (Neves et al. 2021), some errors were identified in the article text:

- -Page 3, **Fig. 2**, where it reads **1** it should read **5** and ¹⁸F should be at position 5 of the aromatic ring.
 - -Page 6, where it reads "MA > 96%", it should read " $A_m > 37GBq/\mu mol$ "
 - -Page 7, where it reads "D- enantiomer of 2%" it should read "D- enantiomer of 4%"
 - -Page 8, where it reads "using a cPTC" it should read: "using different catalysts".
- -In page 8, **Fig.** 7, caption, where it reads "Chiral phase transfer catalysts (cPTC),", it should read "Catalysts."
- -Pages 8–9, where it reads "6-[^{18}F]fluoro-3,4-dimethoxybenzyl bromide" and "Sep- $PakC_{18}$ -Plus reactor.", it should read "6-[^{18}F]fluoro-3,4-dimethoxybenzaldehyde" and "Sep- $PakC_{18}$ -Plus", respectively.
- -Page 9, Fig. 8, where it reads "22 or 23", it should read "23 or 24" and, number 24 under the structure, should be disregarded.
- -Page 9, where it reads "Krasikova also prepared nitropiperonal 12 (Krasikova et al., 2004), using a combination of cPTC, 22." it should read "Krasikova also prepared 6-[18F]FDOPA (Krasikova et al., 2004), using a combination of 22."
- -Page 10, caption of Table 2, where it reads "using cPTC as alkylation agent." it should read "using different catalysts."
 - -Page 10, Table 2, line 1, where it reads "PTC", should read "catalyst".
- -Page 12, Table 3, entry 3, where it reads " 31 ± 3 ", it should read " 31 ± 3 ", and where it reads "n.d. not described", it should read "n.d. not described. *RCY for protected 6-[18 F]FDOPA".
- -Page 13, where it reads, "6-[18 F]FDOPA with 31 ± 3% RCY" it should read "the protected 6-[18 F]FDOPA with 31 ± 3% RCY".
- -Page 14, where it reads "described in section 2.2.", it should read "described previously".



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- -Page 15, Fig. 14 where it reads "13, 14, 22 or 23", it should read "14, 15, 23 or 24" and number 24 under the structure should be disregarded.
- -Page 15, where it reads "MA 129500 Gbq/ μ mol", it should read "A $_{\rm m}$ 129,5 GBq/ μ mol".
 - -Page 15, Fig. 15, where it reads "31, 32 and 33", it should be read "37, 38 and 39".
- -Page 16, where it reads "nitroveratraldeyde 12", it should read nitroveratraldeyde 11" and, where it reads "precursor 31" it should read precursor 37".
 - -There are multiple occurrences of [18F]. They should read [18F].
 - MA is used throughout for Molar Activity. It should be A_m.
- -The following reference is missing: Mossine A V., Tanzey SS, Brooks AF, Makaravage KJ, Ichiishi N, Miller JM, et al. One-pot synthesis of high molar activity 6-[18F]fluoro-l-DOPA by Cu-mediated fluorination of a BPin precursor. Org Biomol Chem. 2019;17(38):8701–5.

The original article (Neves et al. 2021) has been corrected.

Author details

¹ICNAS/CIBIT — Institute for Nuclear Sciences Applied to Health, University of Coimbra, Pólo das Ciências da Saúde, Azinhaga de Santa Comba, 3000-548 Coimbra, Portugal. ²Coimbra Chemistry Center, Chemistry Department, University of Coimbra, Rua Larga, 3004-535 Coimbra, Portugal. ³Laboratory of Pharmacology, Faculty of Pharmacy, University of Coimbra, Pólo das Ciências da Saúde, Azinhaga de Santa Comba, 3000-548 Coimbra, Portugal.

Published online: 20 May 2021

Reference

Neves ÂCB, et al. Advances in the automated synthesis of 6-[¹⁸F]Fluoro-L-DOPA. EJNMMI Radiopharm Chem. 2021;6:11 https://doi.org/10.1186/s41181-021-00126-z.