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## Correction to Synthesis, Structure—Affinity Relationships, and Radiolabeling of Selective High-Affinity 5-HT<sub>4</sub> Receptor Ligands as Prospective Imaging Probes for Positron Emission Tomography

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r. John E. Campbell (Sunovion Pharmaceuticals Inc.) kindly brought to the authors' attention the possibility that the nitration of compound 17c (methyl 7-fluoro-2,3dihydrobenzo[b][1,4]dioxine-5-carboxylate) may actually have proceeded selectively in the 6-position rather than in the 8position and therefore that compound 17d, the derived amine 17e, and the 5-HT<sub>4</sub> ligand 17 may have been misidentified. Accordingly, we performed X-ray crystallography on compounds 17d and 17. The determined X-ray structures confirm the misidentification of 17d and 17, which are in fact the corresponding 6-isomers methyl 7-fluoro-6-nitro-2,3dihydrobenzo [b][1,4] dioxine-5-carboxylate and 6-amino-7-fluoro-2,3-dihydrobenzo [b][1,4] dioxine-5-carboxylic acid. The intermediate 17e is therefore 6-amino-7-fluoro-2,3dihydrobenzo[b][1,4]dioxine-5-carboxylic acid. This correction reveals 17 to be unique among reported high-affinity selective 5-HT<sub>4</sub> receptor ligands, belonging to the amino dihydrobenzo-[b][1,4]dioxine-5-carboxylic ester structural class, in having an amino group in the position ortho rather than para to the ester functionality. Specific corrections to the published manuscript are as follows:

Page 7036. In the second column, second paragraph, line 3 should indicate "6-amino-7-fluoro" instead of "7-fluoro".

Page 7037. In Scheme 4, compound 17d should have the nitro group in the 6-position and not the 8-position and compounds 17e and 17 should have the amino groups in the 6-position and not the 8-position.

Page 7038. In Table 1, structure 17 should have the amino group in the 6-position and not the 8-position. In the final column of this table the cLogD value for this compound should be "2.69" instead of "2.42".

Page 7044. In the first column, the second boldface heading (line 32) should indicate "-6-nitro-" instead of "-8-nitro-".

Page 7044. In the first column, the third boldface heading (line 45) should indicate "6-Amino-" instead of "8-Amino-".

Page 7044. In the first column, the fourth boldface heading (line 60) should indicate "6-Amino-" instead of "8-Amino-".

