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Correction

Structure–Activity Relationship Study of N6-(2-(4-(1H-Indol-5-yl)piperazin-1-yl)ethyl)-N6-propyl-4,5,6,7-tetrahydrobenzo[d]thiazole-2,6-diamine Analogues: Development of Highly Selective D3 Dopamine Receptor Agonists along with a Highly Potent D2/D3 Agonist and Their Pharmacological Characterization

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- Abstract:** Structure of (-)-**19** should include a chlorine atom at the 4-position of the indole ring. Structure should be:

- Scheme 2:** The following structures should include a chlorine atom at the 4-position of the indole ring: **17**, ($\pm$)-**18**, (-)-**18**, (+)-**18**, ($\pm$)-**19**, (-)-**19**, (+)-**19**, **20** and **21**.

Revised Scheme 2

Scheme 2. Reagents and conditions: (a) triisopropylsilyl chloride, NaH, THF; (b) **4**, PdCl₂[P(o-tol)₃]₂, NaO *t*Bu, xylenes, reflux; (c) CF₃COOH, CH₂Cl₂; (d) (2-

bromo-ethoxy)-*tert*-butyl-dimethyl silane, K₂CO₃, CH₃CN, reflux; (e) (Boc)₂O, DMAP, THF; (f) *n*-Bu₄NF, THF; (g) (COCl)₂, DMSO Et₃N, CH₂Cl₂, -78 °C-rt; (h) (±), (-) or (+)-pramipexole, Na(OAc)₃BH, CH₂Cl₂; (i) CF₃COOH, CH₂Cl₂; (j) **2**, Na(OAc)₃BH, CH₂Cl₂; (k) aq. HBr (48%), reflux.

3. Supporting Information: Elemental analysis adjusted for the final compounds and mass spectral data:

(±)-**19**- C₂₄H₃₃ClN₆S·3CF₃COOH.

Calculated: Carbon- 44.11, Hydrogen- 4.45, Nitrogen- 10.31

Found: Carbon- 44.58, Hydrogen- 4.93, Nitrogen- 10.57

MS: m/z : 473.

(-)-**19**- C₂₄H₃₃ClN₆S·3CF₃COOH

Calculated: Carbon- 44.20, Hydrogen- 4.45, Nitrogen- 10.31

Found: Carbon- 44.55, Hydrogen- 4.55, Nitrogen- 10.54

MS: m/z : 473.

(+)-**19**- C₂₄H₃₃ClN₆S·3CF₃COOH

Calculated: Carbon- 44.20, Hydrogen- 4.45, Nitrogen- 10.31

Found: Carbon- 43.86, Hydrogen- 4.69, Nitrogen- 10.36

MS: m/z : 473.

21- C₂₇H₃₅ClN₄O·3HBr·3H₂O

Calculated: Carbon- 42.46 Hydrogen-5.81 Nitrogen- 7.34

Found: Carbon- 42.44 Hydrogen- 5.82 Nitrogen-7.36

20- C₃₃H₄₅ClN₄O₃

MS: m/z: 581

Table 1

Empirical formula of compounds with elemental analysis data.

Compound number	Calculated			Found		
	C	H	N	C	H	N
9b , C ₂₈ H ₄₆ Cl ₄ N ₄ O ₃	53.51	7.38	8.91	52.96	7.37	8.34
(±)- 41 , C ₃₂ H ₄₁ F ₉ N ₆ O ₈ S	45.71	4.92	10.00	45.23	4.92	9.50
(±)- 42 , C ₃₃ H ₄₉ F ₉ N ₆ O ₁₁ S	43.61	5.43	9.25	44.02	5.03	8.64
(+)- 45 , C ₂₅ H ₄₂ Cl ₄ N ₆ O ₃ S	46.30	6.53	12.96	46.29	6.77	11.80
(±)- 46 , C ₂₅ H ₄₂ Cl ₄ N ₆ O ₃ S	46.30	6.53	12.96	47.16	6.76	12.74
(+)- 46 , C ₂₅ H ₄₀ Cl ₄ N ₆ O ₂ S	47.62	6.39	13.33	48.02	6.90	13.05
48 , C ₂₉ H ₅₄ Cl ₄ N ₆ O ₆ S	46.03	7.19	11.11	46.29	6.77	11.80