Journal of Medicinal Chemistry

Addition/Correction

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Correction to Structure−Activity Relationship Study of N^6-(2-(4-(1*H*-Indol-5-yl)piperazin-1-yl)ethyl)-N^6-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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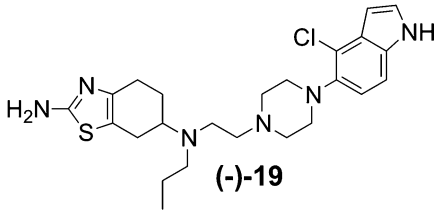
Page 5826. In the abstract, the structure of (−)-**19** should include a chlorine atom at the 4-position of the indole ring. The correct structure is shown below:



(-)-19

Page 5828. In Scheme 2, the following structures should include a chlorine atom at the 4-position of the indole ring: **17**, (±)-**18**, (−)-**18**, (+)-**18**, (±)-**19**, (−)-**19**, (+)-**19**, **20**, and **21**. The correct Scheme 2 is shown in this Addition and Correction.

Supporting Information. Elemental analysis results and mass spectral data are adjusted for the final compounds, as indicated in the following and in Table 1:

(±)-**19**, $C_{24}H_{33}ClN_6S{\cdot}3CF_3COOH$. 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**, $C_{24}H_{33}ClN_6S{\cdot}3CF_3COOH$. 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**, $C_{24}H_{33}ClN_6S{\cdot}3CF_3COOH$. 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, $C_{27}H_{35}ClN_4O{\cdot}3HBr{\cdot}3H_2O$. Calculated: carbon, 42.46; hydrogen, 5.81; nitrogen, 7.34.

Found: carbon, 42.44; hydrogen, 5.82; nitrogen, 7.36.

20, $C_{33}H_{45}ClN_4O_3$. MS: *m*/*z*: 581

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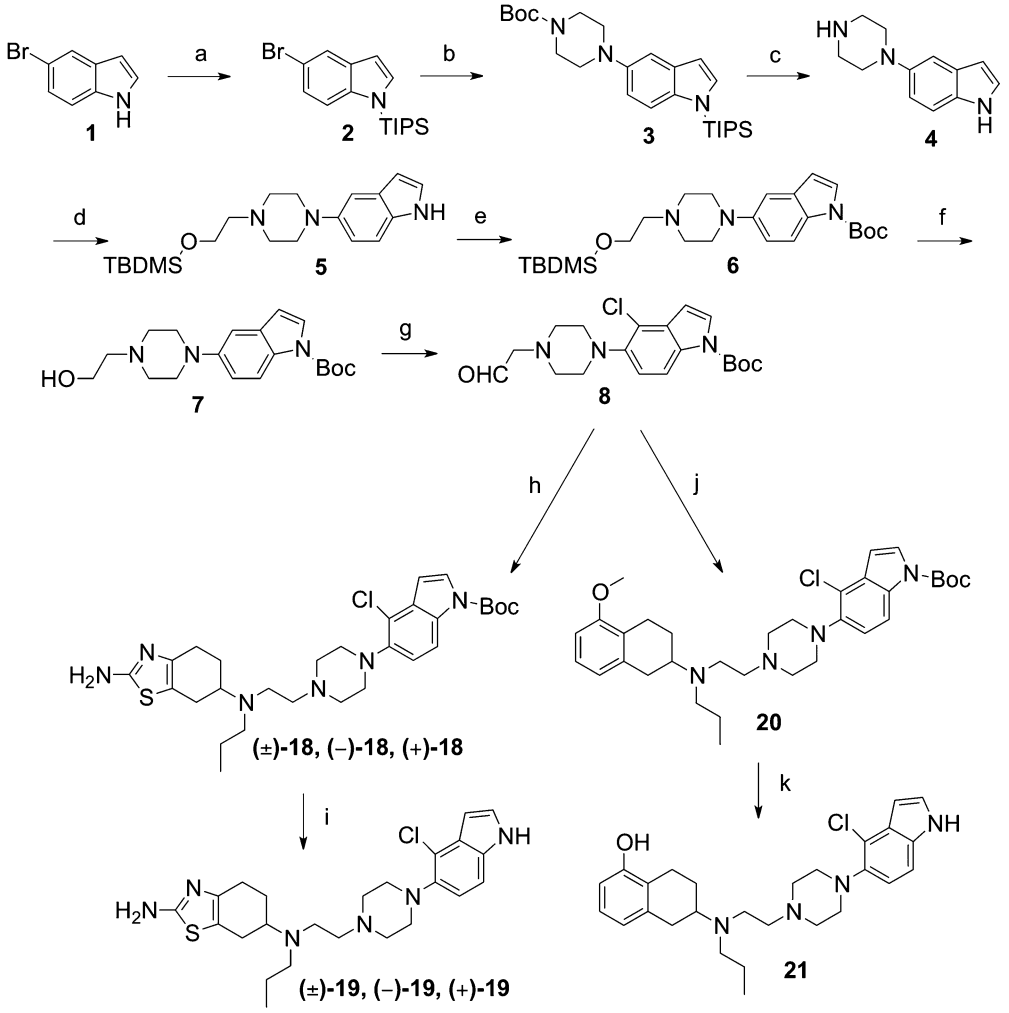
Scheme 2[a]



[a]Reagents and conditions: (a) triisoproylsilyl chloride, NaH,THF; (b) **4**, $PdCl_2[P(o\text{-tol})_3]_2$, NaO-*t*-Bu, xylenes, reflux; (c) CF_3COOH, CH_2Cl_2; (d) (2-bromoethoxy)-*tert*-butyldimethysilane, K_2CO_3, CH_3CN, reflux; (e) $(Boc)_2O$, DMAP, THF; (f) *n*-Bu_4NF, THF; (g) $(COCl)_2$, DMSO Et_3N, CH_2Cl_2, −78 °C to rt; (h) (±)-, (−)-, or (+)-pramipexole, $Na(OAc)_3BH$, CH_2; (i) CF_3COOH, CH_2Cl_2; (j) **2**, $Na(OAc)_3BH$, CH_2Cl_2; (k) aq HBr (48%), reflux.

Table 1. Empirical Formula of Compounds with Elemental Analysis Data

	calculated			found		
compd	C	H	N	C	H	N
9b, $C_{28}H_{46}Cl_4N_4O_3$	53.51	7.38	8.91	52.96	7.37	8.34
(±)-**41**, $C_{32}H_{41}F_9N_6O_8S$	45.71	4.92	10.00	45.23	4.92	9.50
(±)-**42**, $C_{33}H_{49}F_9N_6O_{11}S$	43.61	5.43	9.25	44.02	5.03	8.64
(+)-**45**, $C_{25}H_{42}Cl_4N_6O_3S$	46.30	6.53	12.96	46.29	6.77	11.80
(±)-**46**, $C_{25}H_{42}Cl_4N_6O_3S$	46.30	6.53	12.96	47.16	6.76	12.74
(+)-**46**, $C_{25}H_{40}Cl_4N_6O_2S$	47.62	6.39	13.33	48.02	6.90	13.05
48, $C_{29}H_{54}Cl_4N_6O_6S$	46.03	7.19	11.11	46.29	6.77	11.80

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