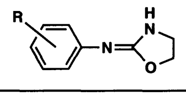
ERRATUM

to Akinori HIRASHIMA, Canping PAN, Yumiko KATAFUCHI, Eiji TANIGUCHI and Morifusa ETO: Synthesis and Octopaminergic-Agonist Activity of 2-(Arylimino)oxazolidines and 2-(Substituted Benzylamino)-2-oxazolines, *J. Pesticide Sci.* **21**, 419–424 (1996)

In Table 1 "Structure, analytical data and octopaminergic-agonist activity of AIOs on adenylate cyclase from homogenates of American cockroach nerve cords," structure of AIOs should be inserted. The corrected Table 1 is in the following;

Table 1 Structure, analytical data and octopaminergic-agonist activity of AIOs on adenylate cyclase from homogenates of American cockroach nerve cords.



Compound no.	R	Molecular formula	mp (°C)	Yield[a)] (%)	Found (calcd.) % C	H	N	Adenylate-cyclase activity[b)] (pmol cAMP/min/mg of protein)
1	2-Et	$C_{11}H_{14}N_2O$	60–61	45	69.21 (69.45)	7.47 (7.42)	14.49 (14.72)	84.1±0.9 (−5.0±0.2)
2	3-Cl	$C_9H_9N_2OCl$	115–116	35	54.78 (54.97)	4.50 (4.61)	14.00 (14.25)	111.3±7.8 (+0.2±1.5)
3	4-CF_3	$C_{10}H_9N_2OF_3$	133–134	43	51.73 (52.18)	4.04 (3.94)	12.19 (12.17)	144.8±3.5 (+6.6±0.7)[c)]
4	4-Et	$C_{11}H_{14}N_2O$	120–121	57	69.24 (69.45)	7.40 (7.42)	14.66 (14.72)	170.1±21.2 (+11.5±4.1)[c)]
5	2, 3-Cl_2	$C_9H_8N_2OCl_2$	132–133	43	46.77 (46.78)	3.48 (3.49)	12.10 (12.12)	120.9±3.7 (+2.0±0.7)
6	2-Cl, 4-Br	$C_9H_8N_2OBrCl$	135–136	47	38.69 (39.23)	2.90 (2.93)	9.99 (10.17)	66.4±0.2 (−8.4±0)
7	2-Me, 4-Br	$C_{10}H_{11}N_2OBr$	110–111	37	46.83 (47.08)	4.46 (4.35)	11.08 (11.00)	213.8±9.7 (±19.9±1.9)[c)]
8	2-Me, 4-Cl	$C_{10}H_{11}N_2OCl$	102–103	67	56.48 (57.02)	5.22 (5.26)	13.10 (13.30)	203.5±14.5 (+17.9±2.8)[c)]
9	2, 5-F_2	$C_9H_8N_2OF_2$	133–134	47	54.06 (54.55)	4.06 (4.07)	14.03 (14.14)	70.3±0.2 (−7.7±0)
10	2, 5- $(CF_3)_2$	$C_{11}H_8N_2OF_6$	170–171	46	44.37 (44.31)	2.72 (2.70)	9.45 (9.40)	88.3±5.5 (−4.2±1.1)
11	2, 6-F_2	$C_9H_8N_2OF_2$	147–148	37	54.45 (54.55)	4.10 (4.07)	14.12 (14.14)	109.0±3.2 (−0.3±0.6)
12	2, 6-Et_2	$C_{13}H_{18}N_2O$	55–57	46	71.25 (71.53)	8.22 (8.31)	12.74 (12.83)	364.7±11.3 (+49.0±2.2)[c)]
13	2, 3, 4-Cl_3	$C_9H_7N_2OCl_3$	163–165	61	40.42 (40.71)	2.62 (2.66)	10.47 (10.55)	189.0±1.4 (+15.1±0.3)[c)]
14	2, 4, 6-Br_3	$C_9H_7N_2OBr_3$	172–173	43	27.03 (27.10)	1.86 (1.77)	6.91 (7.02)	87.4±6.9 (−4.4±1.2)
15	2, 4, 6-F_3	$C_9H_7N_2OF_3$	162–163	45	50.02 (50.01)	3.27 (3.26)	12.86 (13.00)	123.2±4.6 (+2.5±0.9)
16	3, 4, 5-$(MeO)_3$	$C_{12}H_{16}N_2O_4$	150–151	59	56.62 (57.13)	6.47 (6.39)	10.92 (11.10)	61.2±4.8 (−9.4±0.9)

a) Compounds were obtained from commercial isothiocyanates and yield was calculated as total yield from the isothiocyanates.

b) The adenylate-cyclase activity of *Periplaneta americana* was measured according to Nathanson's procedure, and the cAMP levels were measured by RIA. The stimulatory rate was calculated relative to OA (%) and is shown in parentheses. The data are the average±S.E. of duplicates of a test compound at 100 μM. The basal (control) and OA-stimulated adenylate-cyclase activity values were 110.3±6.9 and 629.9±4.6 pmol cAMP/min/mg of protein, respectively. The K_a values for **4**, **7**, **8** and **12** were 36, 0.19, 0.18 and 0.44 μM, respectively.

c) Significant increase compared to the control at $p=0.05$ according to Duncan's multiple-range test.[20)]