Chemical Papers (2020) 74:4141–4142
https://doi.org/10.1007/s11696-020-01279-y

CORRECTION

Correction to: Synthesis and antibacterial activity of novel chalcone derivatives bearing a coumarin moiety

Yi-Hui Wang[1] · Shi-Chun Jiang[1] · Ying Chen[1] · Tao Guo[1] · Rong-Jiao Xia[1] · Xu Tang[1] · Ming He[1] · Wei Xue[1]

Published online: 23 July 2020
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Correction to: Chemical Papers (2019) 73:2493–2500
https://doi.org/10.1007/s11696-019-00802-0

Unfortunately the original article was published Online with incorrect entries as given below in the Table 3.

Table 3 was submitted for publication with numerous incorrect entries. %Inhibition values for the entries for compound **3l** at 50 μg mL^{-1} against Xoo, and for 4-hydroxycoumarin and for compounds **3a**–**3v** against Xac, are corrected. The values for thiodiazole-copper control in Table 3 essentially are unchanged. Where the difference between the corrected value and the previous incorrect value is greater than two-fold, both the correct and the previously reported incorrect values are listed here. The revised Table 3 given below shows all entries, each with their correct values. The corrected values are for **3l**, % Inhibition at 50 μg mL^{-1} against Xoo is 19 ± 3; for 4-hydroxycoumarin, % Inhibition at 50 μg mL^{-1} against Xac is 21 ± 4 and % Inhibition at 100 μg mL^{-1} against Xac is 29 ± 4. The corrected values for % Inhibition at 50 μg mL^{-1} against Xac are: **3a** (4 ± 4, previously was 47 ± 2); **3b** (18 ± 1); **3c** (34 ± 3); **3d** (19 ± 4); **3e** (41 ± 2, previously was 4 ± 2); **3f** (13 ± 5, previously was 6 ± 5); **3g** (9 ± 4, previously was 4 ± 1); **3h** (3 ± 5, previously was 1 ± 4); **3i** (34 ± 3); **3j** (19 ± 3, previously was 51 ± 4); **3k** (33 ± 3); **3l** (22 ± 5); **3m** (29 ± 4, previously was 6 ± 5); **3n** (54 ± 4, previously was 10 ± 2); **3o** (37 ± 1, previously was 14 ± 1); **3p** (45 ± 4, previously was 5 ± 2); **3q** (9 ± 3, previously was 32 ± 7); **3r** (19 ± 3); **3s** (36 ± 3, previously was 6 ± 2); **3t** (33 ± 4, previously was 12 ± 4); **3u** (7 ± 1, previously was 20 ± 3); **3v** (27 ± 1, previously was 5 ± 1). The corrected values are % Inhibition at 100 μg mL^{-1} against Xac: **3a** (10 ± 3, previously was 71 ± 2); **3b** (22 ± 2, previously was 46 ± 4); **3c** (49 ± 4); **3d** (33 ± 5); **3e** (72 ± 3, previously was 6 ± 3); **3f** (30 ± 1); **3g** (23 ± 1); **3h** (9 ± 4); **3i** (58 ± 2, previously was 23 ± 2); **3j** (34 ± 2); **3k** (57 ± 5); **3l** (28 ± 4); **3m** (54 ± 3, previously was 10 ± 5); **3n** (72 ± 4, previously was 13 ± 3); **3o** (60 ± 3, previously was 17 ± 4); **3p** (78 ± 5, previously was 7 ± 4); **3q** (18 ± 3, previously was 48 ± 2); **3r** (29 ± 3); **3s** (50 ± 4, previously was 9 ± 2); **3t** (60 ± 1, previously was 17 ± 3); **3u** (16 ± 2); **3v** (47 ± 4, previously was 12 ± 2).

The revision of these data in Table 3 does not affect the conclusions of this paper. Its conclusions were based on the EC_{50} data of Table 4. The EC_{50} data were obtained by a separate experiment from the experiment used for the % Inhibition data of Table 3 (as stated on p. 2497). From the data in Table 4 on p. 2499, and the statements in the fourth paragraph on pp. 2497 and 2498 ("Compounds **3c**, **3e**, **3i**, **3k**, **3m**, **3n**, **3o**, **3p**, **3s**, **3t**, and **3v** expressed strong antibacterial activity against Xac, with EC_{50} values of 98, 59, 80, 83, 94, 48, 72, 51, 94, 77, and 119 μg/mL, respectively"), compounds **3e**, **3n**, and **3p** are identified as the most active compounds against Xac. The corrected data of Table 3 better support this conclusion. Moreover, the corrected data also support the statement (third paragraph on page 2497) that "Compounds **3c**, **3e**, **3i**, **3k**, **3m**, **3n**, **3o**, **3p**, **3s**, **3t** and **3v** showed qualified antibacterial activity against Xac at 100 μg/mL, and the achieved inhibition ranged from 47 to 78%".

The original article can be found online at https://doi.org/10.1007/s11696-019-00802-0.

✉ Ming He
mhe1@gzu.edu.cn

✉ Wei Xue
wxue@gzu.edu.cn

[1] State Key Laboratory Breeding Base of Green Pesticide and Agricultural Bioengineering, Key Laboratory of Green Pesticide and Agricultural Bioengineering, Ministry of Education, Guizhou University, Huaxi District, Guiyang 550025, China

Table 3 Antibacterial activities of compounds **4-hydroxycoumarin, 3a–3v**, and *Thiodiazole-copper*

Compound	Inhibition rate (%)[a]					
	Xoo		*Xac*		*Rs*	
	100 μg/mL	50 μg/mL	100 μg/mL	50 μg/mL	100 μg/mL	50 μg/mL
4-Hydroxy-coumarin	23 ± 4	15 ± 4	29 ± 4	21 ± 4	16 ± 3	9 ± 2
3a	71 ± 2	47 ± 2	10 ± 3	4 ± 4	39 ± 1	20 ± 4
3b	46 ± 4	29 ± 3	22 ± 2	18 ± 1	12 ± 2	7 ± 3
3c	42 ± 5	34 ± 5	49 ± 4	34 ± 3	18 ± 2	16 ± 1
3d	46 ± 3	26 ± 5	33 ± 5	19 ± 4	20 ± 2	8 ± 1
3e	6 ± 3	4 ± 2	72 ± 3	41 ± 2	28 ± 5	24 ± 3
3f	21 ± 2	6 ± 5	30 ± 1	13 ± 5	29 ± 3	26 ± 2
3g	18 ± 5	4 ± 1	23 ± 1	9 ± 4	14 ± 3	8 ± 4
3h	6 ± 2	1 ± 4	9 ± 4	3 ± 5	20 ± 3	11 ± 5
3i	23 ± 2	17 ± 2	58 ± 2	34 ± 3	66 ± 5	49 ± 3
3j	60 ± 3	51 ± 4	34 ± 2	19 ± 3	32 ± 3	27 ± 5
3k	39 ± 5	26 ± 4	57 ± 5	33 ± 3	48 ± 6	33 ± 2
3l	40 ± 4	19 ± 3	28 ± 4	22 ± 5	15 ± 7	7 ± 1
3m	10 ± 5	6 ± 5	54 ± 3	29 ± 4	23 ± 2	22 ± 3
3n	13 ± 3	10 ± 2	72 ± 4	54 ± 4	11 ± 2	1 ± 5
3o	17 ± 4	14 ± 1	60 ± 3	37 ± 1	13 ± 3	0 ± 4
3p	7 ± 4	5 ± 2	78 ± 5	45 ± 4	38 ± 5	12 ± 1
3q	48 ± 2	32 ± 7	18 ± 3	9 ± 3	15 ± 2	1 ± 3
3r	24 ± 1	22 ± 1	29 ± 3	19 ± 3	20 ± 4	15 ± 6
3s	9 ± 2	6 ± 2	50 ± 4	36 ± 3	36 ± 6	28 ± 1
3t	17 ± 3	12 ± 4	60 ± 1	33 ± 4	26 ± 1	23 ± 6
3u	29 ± 5	20 ± 3	16 ± 2	7 ± 1	32 ± 3	30 ± 5
3v	12 ± 2	5 ± 1	47 ± 4	27 ± 1	12 ± 2	1 ± 5
Thiodiazole-copper[b]	36 ± 3	26 ± 4	37 ± 4	26 ± 4	41 ± 4	24 ± 2

[a]Average of three replicates

[b]The commercial antibacterial agent *Thiodiazole-copper* was used as positive control

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