Additions and Corrections

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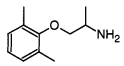
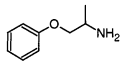
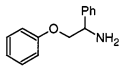
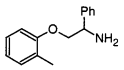
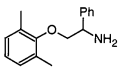
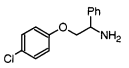
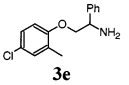
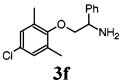
Carlo Franchini,* Alessia Carocci, Alessia Catalano, Maria M. Cavalluzzi, Filomena Corbo, Giovanni Lentini, Antonio Scilimati, Paolo Tortorella, Diana Conte Camerino, and Annamaria De Luca: Optically Active Mexiletine Analogues as Stereoselective Blockers of Voltage-Gated Na^+ Channels.

Page 5241. Column headings were omitted in Table 1. The revised version of the table is given below.

Table 1. Concentrations for Half-Maximal Block of Sodium Currents of Skeletal Muscle Fibers by Mexiletine and Its Analogues

compd	absolute configuration	(IC_{50} μM)[a] tonic block	phasic block	tonic/phasic block	antimyotonic activity[b]
 mexiletine	(R)	54 ± 12	23 ± 4	2	1
	(S)	114 ± 21	27 ± 6	4	1
	(R,S)	83 ± 14	29 ± 4	3	
 **1**	(R)	497 ± 9	208 ± 16	2	0.1
	(S)	600 ± 6	236 ± 4	2	0.1
 **3a**	(R)	8.0 ± 0.8	4.0 ± 0.5	2	6
	(S)	30 ± 1	16.0 ± 0.4	2	2
 **3b**	(R)	2.0 ± 0.4	1.0 ± 0.1	2	23
	(S)	7.0 ± 0.4	3.0 ± 0.2	2	9
 **3c**	(R)	11.0 ± 0.3	3.0 ± 0.3	4	8
	(S)	9.0 ± 0.8	3.0 ± 0.4	3	9
 **3d**	(R)	29 ± 1	10 ± 1	3	2
	(S)	23 ± 7	3.0 ± 0.6	8	9
 **3e**	(R)	50 ± 5	23 ± 4	2	1
	(S)	23 ± 1	18 ± 1	1	2
	(R,S)	29 ± 3	15 ± 2	2	2
 **3f**	(R)	48 ± 6	18 ± 7	3	1
	(S)	21 ± 1	8 ± 2	3	3

[a] The half-maximal concentration (IC_{50}) of each compound for producing a tonic block (block of sodium channel at resting conditions evaluated during infrequent depolarizing pulses) and the phasic block (cumulative sodium current reduction by the drug at 10 Hz stimulation frequency) have been obtained by concentration−response curves (see the Experimental Section). [b] Putative antimyotonic activity: potency in phasic block in relation to mexiletine (see the Experimental Section), mexiletine = 1.

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