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Corrigendum

Corrigendum to "Design, synthesis and evaluation of 2,4-disubstituted pyrimidines as cholinesterase inhibitors" [Bioorg. Med. Chem. Lett. 20 (2010) 3606]

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The authors regret that the cholinesterase inhibition data reported had calculation errors for some of the compounds tested. The corrected Table 1 appears below.

Table 1
In vitro ChE (AChE and BuChE) inhibition assay data fir compounds **7b–e**, **8b–e** and **9b,c**

Compound	AChE IC_{50}[a] (μM)	BuChE IC_{50}[b] (μM)	SI[b]
7b	14.8	NA	0.22
7c	23.6	6.1	3.87
7d	24.5	NA	<0.24
7e	19.2	3.4	5.6
8b	22.7	NA	<0.22
8d	21.4	NA	<0.21
8e	8.4	NA	0.47
9b	14.4	NA	0.51
9c	14.8	NA	0.42

[a] The in vitro test compound concentration required to produce 50% inhibition of AChE (electric eel) or BuChE (equine serum). The result (IC_{50}, μM) is the mean of two separate determinations ($n = 4$) and the deviation from the mean is <10% of the mean value.
[b] Selectivity index (SI) = AChE IC_{50}/BuChE IC_{50}. NA—not applicable.

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