



Erratum

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In the article, Cytotoxic C-Methylated Chalcones from *Syzygium samarangense*, by E.C. Amor et al., published in Pharmaceutical Biology, 45(10): 777–783, the following revisions have been made:

The IC_{12} of compound **2** against the RAD52 mutant strain should be 252 μ M while that of the positive control, streptonigrin should be 0.008 μ M. In addition, compound **2** was not cytotoxic against the LF15 wild-type strain that is why it was concluded that it exhibited selective cytotoxicity towards the mutant strain.

Table 3 should be modified according to the table below, which indicates the correct IC_{50} values of the compounds and the positive control. The IC_{50} values obtained are rough estimates that are based on two concentrations, 50 μ g/mL and 5 μ g/mL, due to limited sample availability.

Table 1. Fractional survival and IC_{50} values of compounds **1–5** against CHO-AA8, MCF-7 and SKBR-3 cell lines.

Test compounds	CHO-AA8		MCF-7		SKBR-3	
	Fractional survival ^a	IC_{50} (μ M)	Fractional survival ^a	IC_{50} (μ M)	Fractional survival ^a	IC_{50} (μ M)
1 ^b	0.456 \pm 0.011	Not done	0.488 \pm 0.013	Not done	0.335 \pm 0.080	Not done
2 ^b	0.101 \pm 0.002	80.547 \pm 0.815	0.052 \pm 0.001	1.463 \pm 0.007	0.310 \pm 0.003	12.779 \pm 0.057
3 ^b	0.575 \pm 0.002	21.856 \pm 0.005	0.227 \pm 0.027	20.180 \pm 0.237	0.394 \pm 0.045	12.722 \pm 0.268
4 ^c	Not active		0.195 \pm 0.023	Not done	Not active	
5 ^c	0.033 \pm 0.001	13.013 \pm 0.170	0.054 \pm 0.002	9.337 \pm 0.077	0.075 \pm 0.008	7.377 \pm 0.070
Doxorubicin	—	0.288 \pm 0.002	—	0.260 \pm 0.003	—	0.028 \pm 0.001

^a n = 4

^b active dose of 50 μ g/mL

^c active dose of 5 μ g/mL

The concentrations at which compounds **2** and **5** are cytotoxic against normal and breast cancer cells should be 167.8 μ M and 16.7 μ M, respectively. Compounds **1** and **3** showed slight toxicity against normal and breast cancer cells at a concentration of 167.8 μ M while **4** is cytotoxic at 17.5 μ M.

The chalcone counterpart of dihydrochalcone **4** is compound **3** and not compound **1**.