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Erratum

Erratum to “Salarin C, a new cytotoxic sponge-derived nitrogenous macrolide” [Tetrahedron Lett. 49 (2008) 4355]

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The editors and publishers regret that in the above Letter concentrations of the active compounds were erroneously given in millimolars (mM) rather than in micromolars (μ M) and in mg/ml rather than in μ g/ml. The penultimate sentence of the Abstract and the passage ‘The anti-proliferative activity of salarin C was dose-dependent. . . (e.g., geldanamycin)¹⁹’ on p 4357 are corrected as follows:

‘Salarin C was found to inhibit cell proliferation of human leukeamic cell lines UT-7 and K562 and the murine pro-B cell line Ba/F3 at concentrations of 0.0005–0.5 μ g/ml’.

‘The anti-proliferative activity of salarin C was dose-dependent; salarin C at concentrations of 0.0005–0.5 μ g/ml was added to the cells for 24 h, and cell viability was determined by MTT assay.¹⁸ Salarin C was by far more potent than salarins A and B, and tularin A, ~50% inhibition of cell proliferation was obtained at 0.5 μ g/ml (1 μ M) of salarin C for the UT-7 cell line and at 0.05 μ g/ml (0.1 μ M) for the K562 cell line. The sensitivity of the Ba/F3 cells was much higher as their proliferation was arrested completely at 0.1 μ M of salarin C. The effective concentration range of salarin C (IC₅₀ 0.1–1 μ M) is comparable, and even lower than those of other chemotherapeutic agents (e.g., geldanamycin).¹⁹’

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