

CORRECTION

Translation of in Vitro Inhibition by Marine Natural Products of the C₄ Acid Cycle Enzyme Pyruvate P_i Dikinase to in Vivo C₄ Plant Tissue Death, by Dianne S. Haines, James N. Burnell,* Jason R. Doyle, Lyndon E. Llewellyn, Cherie A. Motti, and Dianne M. Tapiolas. *J. Agric. Food Chem.* 2005, 53, 3856.

The omission of an oxygen atom in the structure of ilimaquinone requires the correction of Figure 2 and two areas of text. The final paragraph under Results should read as follows:

Chemical Property Calculations. Ilimaquinone has a ClogP of 6.0 and log *K*_{OW} of 5.2 (18). It possesses a single hydrogen bond donor, four hydrogen bond acceptors, and three rotatable bonds. Both software platforms used resulted in a calculated PSA of 63.6 Å² (Figure 2).

The third sentence in the next to last paragraph under Discussion should read as follows: Ilimaquinone satisfies all but two of these criteria (Figure 2); however, it should be noted that the PSA, an important descriptor used to predict herbicide potential, lies just outside the desired range of being between 50 and 60 Å (26).

The corrected Figure 2 is shown below.

Parameter	Desired Range	Ilimaquinone
Molecular mass	≥150 and ≤500	358.2
ClogP	≤3.5	6.0
No. of hydrogen bond donors	≤3	1
No. of hydrogen bond acceptors	≥2 and ≤12	4
No. of rotatable bonds	≤12	3
PSA (Å ²)	50-60	63.6

Figure 2. Structure of ilimaquinone isolated from extract 8 and calculated theoretical properties.

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