Biosynthetic Origin of Graphenone in Cultured Lichen Mycobionts of *Graphis handelii*

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The biosynthetic origins of the carbon skeleton in graphenone were verified by feeding the culture of spore-derived mycobionts of the lichen *Graphis handelii* with sodium \([1,^{13}C]\)-acetate, sodium \([1,2,^{13}C_2]\)-acetate, sodium \([2,^{13}C]\)-pyruvate, \([1,2,3,^{13}C]\)-glycerol, \([^{13}CH_3]\)-methionine and sodium \([1,4,^{13}C_2]\)-succinate.

Key words: *Graphis handelii*, Isolated Lichen Mycobiont, Graphenone