

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 [1-¹³C]-acetate, sodium [1,2-¹³C₂]-acetate, sodium [2-¹³C]-pyruvate, [1,2,3-¹³C]-glycerol, [¹³CH₃]-methionine and sodium [1,4-¹³C₂]-succinate.

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