

Structure and Biosynthesis of Lecanopyrone, a Naphtho[1,8-*cd*]pyran-3-one Derivative from Cultured Lichen Mycobionts of *Lecanora leprosa*

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From the cultures of spore-derived mycobionts of the lichen *Lecanora leprosa* a novel naphtho[1,8-*cd*]pyran-3-one derivative, lecanopyrone, was isolated. Its structure was determined by spectroscopic methods. The assembly pattern of acetate units in its biosynthesis was verified using sodium [1-¹³C]-acetate and sodium [1,2-¹³C₂]-acetate.

Key words: *Lecanora leprosa*, Lichen Mycobiont, Naphtho[1,8-*cd*]pyran-3-one