

**CERTIFICATION PURSUANT TO  
18 U.S.C. SECTION 1350**

In connection with the Quarterly Report of Pharmacyclics, Inc., a Delaware corporation (the "Company"), on Form 10-Q for the quarter ended September 30, 2008 as filed with the Securities and Exchange Commission (the "Report"), I, Robert W. Duggan, Chairman and Interim Chief Executive Officer of the Company, certify, pursuant to § 906 of the Sarbanes-Oxley Act of 2002 (18 U.S.C. § 1350), that to my knowledge:

(1) The Report fully complies with the requirements of section 13(a) or 15(d) of the Securities Exchange Act of 1934; and

(2) The information contained in the Report fairly presents, in all material respects, the financial condition and results of operations of the Company.

/S/ ROBERT W. DUGGAN

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Robert W. Duggan  
Chairman and Interim Chief Executive Officer  
October 30, 2008

**CERTIFICATION PURSUANT TO  
18 U.S.C. SECTION 1350**

In connection with the Quarterly Report of Pharmacyclics, Inc, a Delaware corporation (the "Company"), on Form 10-Q for the quarter ended September 30, 2008 as filed with the Securities and Exchange Commission (the "Report"), I, Leiv Lea, Vice President, Finance and Administration and Chief Financial Officer and Secretary of the Company, certify, pursuant to § 906 of the Sarbanes-Oxley Act of 2002 (18 U.S.C. § 1350), that to my knowledge:

(1) The Report fully complies with the requirements of section 13(a) or 15(d) of the Securities Exchange Act of 1934; and

(2) The information contained in the Report fairly presents, in all material respects, the financial condition and results of operations of the Company.

/S/ LEIV LEA

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Leiv Lea  
Vice President, Finance and Administration  
and Chief Financial Officer and Secretary  
October 30, 2008