

WSGR Wilson Sonsini Goodrich & Rosati
PROFESSIONAL CORPORATION

Date: February 7, 2007

To: John Krug

Fax: 202-772-9217

☐ Use this fax
number only

Company: Securities and Exchange Commission

Phone: 202-551-3862

☐ Notify recipient
before sending

From: Mark Liu

Phone: 858-350-2364

Return Fax: 858-350-2399

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Fax Contains: 2 pages (including this sheet). If incomplete, call Diana Treadway at 858-350-2346.

Message: Re - Optimor Pharmaceuticals, Inc.

Ref: 22037.016

Return Original to: Diana J. Treadway

Location: SD 2/D

12235 El Camino Real, Suite 200, San Diego, CA 92130-3002
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February 7, 2007

Via Facsimile

U.S. Securities and Exchange Commission
100 F Street, N.E.
Mail Stop 6010
Washington, D.C. 20549
Attn: Jeffrey Riedler

**Re: Optimer Pharmaceuticals, Inc.
Registration Statement on Form S-1 (File No. 333-138555)**

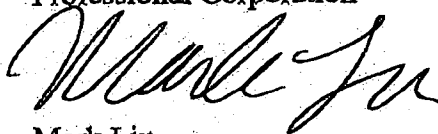
Dear Mr. Riedler:

On behalf of Optimer Pharmaceuticals, Inc. (the "Company"), we hereby respectfully request that the Securities and Exchange Commission (the "Commission") take appropriate action to make the Company's Registration Statement on Form S-1 effective on February 8, 2007 at such time as the Company may request by telephone to the Commission. The Company contemplates that such request will be made on the morning of February 8. The Company hereby authorizes Martin J. Waters or Mark M. Liu of Wilson Sonsini Goodrich & Rosati, P.C., counsel to the Company, to make such request on our behalf.

Please direct any questions to Martin J. Waters at (858) 350-2308 or the undersigned at (858) 350-2364.

Sincerely,

WILSON SONSINI GOODRICH & ROSATI
Professional Corporation



Mark Liu