SECURITIES AN	D EXCHANGE CO	OMMISSION
V	Vashington, D.C. 20549	
	FORM 8-K	
	CURRENT REPORT	
Pursuant to Section 13 o	r 15(d) of the Securities Exch	nange Act of 1934
Date of Report (Date	of earliest event reported): Decem	ber 23, 2004
	Pharmaceutical Pharma	
Delaware (State or other jurisdiction of incorporation or organization)	000-26727 (Commission File Number)	68-0397820 (IRS Employer Identification No.)
105 Digital Drive, Novato, California (Address of principal executive offices)		94949 (Zip Code)

Registrant s telephone number, including area code: (415) 506-6700

(Former name or former address, if changed since last report)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions (see General Instruction A.2. below):

- " Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
- " Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
- " Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
- " Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

Item 8.01. Other Events.					
On December 23, 2004, BioMarin Pharmaceutical Inc. (the Company) issued a press release regarding the initiation of its Phase 2 clinical trial of Phenoptin. The Company s press release issued on December 23, 2004 is attached hereto as Exhibit 99.1.					
Item 9.01. Financial Statements, Pro Forma Financial Statements and Exhibits.					
(a) Financial Statements of Business Acquired.					
Not Applicable.					
(b) Pro Forma Financial Information.					
Not Applicable.					
(c) Exhibits.					

Exhibit 99.1 Press Release of the Company dated December 23, 2004.

SIGNATURE

Pursuant to the requirements of the Securities Exchange	Act of 1934, the	e registrant has duly	caused this re	eport to be sig	gned on its	behalf by the
undersigned hereunto duly authorized.						

BioMarin Pharmaceutical Inc.,

a Delaware corporation

Date: December 23, 2004 By: /s/ Jeffrey H. Cooper

Jeffrey H. Cooper

Chief Financial Officer

EXHIBIT INDEX

Exhibit No.	Description
Evhibit 00 1	Press Paleage of the Company dated December 23, 2004