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UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

FORM 8-K

CURRENT REPORT
Pursuant to Section 13 or 15(d) of the
Securities Exchange Act of 1934

Date of Report (Date of the earliest event reported): August 21, 2007

NEUROCRINE BIOSCIENCES, INC.

(Exact name of registrant as specified in its charter)

Delaware	**0-22705**	**33-0525145**
(State or other jurisdiction of incorporation or organization)	(Commission File Number)	(IRS Employer Identification No.)

12790 El Camino Real	**92130**
(Address of principal executive offices)	(Zip Code)

Registrant's telephone number, including area code: **(858) 617-7600**

N/A

(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:

o Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)

o Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)

o Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2 (b))

o Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4 (c))

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ITEM 8.01 OTHER EVENTS.

On August 21, 2007 Neurocrine Biosciences, Inc. announced that the U.S. Food and Drug Administration had accepted its resubmission of its new drug application for indiplon 5 mg and 10 mg capsules and has set a PDUFA action date of December 12, 2007.

ITEM 9.01 FINANCIAL STATEMENTS AND EXHIBITS.

(d) EXHIBITS.

Exhibit Number	Description of Exhibit
99.1	Press Release dated August 21, 2007

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SIGNATURES

Pursuant to the requirements of the Securities and Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned thereunto duly authorized.

Dated: August 22, 2007

NEUROCRINE BIOSCIENCES, INC.

/s/ TIMOTHY P. COUGHLIN
Timothy P. Coughlin
Vice President and Chief Financial Officer

Exhibit 99.1

For Immediate Release
Contact at Neurocrine Biosciences:
Elizabeth Foster
(858) 617-7600

NEUROCRINE ANNOUNCES PDUFA ACTION DATE OF DECEMBER 12, 2007 FOR INDIPLON CAPSULES

San Diego, CA, August 21, 2007 — Neurocrine Biosciences, Inc. (NASDAQ:NBIX) announced today that the Company has received notification today that the U.S. Food and Drug Administration (FDA) has accepted the Company's resubmission of its New Drug Application (NDA) for *indiplon* 5 mg and 10 mg capsules for the treatment of insomnia and has set a PDUFA action date of December 12, 2007.

Neurocrine Biosciences, Inc. is a product-based biopharmaceutical company focused on neurological and endocrine diseases and disorders. The product candidates address some of the largest pharmaceutical markets in the world including insomnia, anxiety, depression, endometriosis, irritable bowel syndrome, pain, and diabetes. *Indiplon* was licensed from DOV Pharmaceutical in 1998. Neurocrine Biosciences, Inc. news releases are available through the Company's website via the Internet at http://www.neurocrine.com

In addition to historical facts, this press release may contain forward-looking statements that involve a number of risks and uncertainties. Among the factors that could cause actual results to differ materially from those indicated in the forward-looking statements are risks and uncertainties associated with Neurocrine's business and finances in general as well as, risk and uncertainties associated with the Company's indiplon program and planned commercialization activities, including but not limited to; risk that regulatory authorities may find our resubmission of the indiplon capsule NDA incomplete or insufficient or otherwise unapprovable or that approval may be delayed; risk that following approval of indiplon capsules, commercialization may be delayed for any of a number of reasons including market conditions and product supply; risk that we will not be able to independently commercialize indiplon capsules or find a marketing partner on reasonable terms or at all; risk that the indiplon capsule labeling granted by regulatory authorities may limit the commercial success of indiplon capsules; and risk relating to market acceptance of indiplon capsules following marketing approval; in addition to the other risks described in the Company's report on Form 10-K for the year ended December 31, 2006 and Form 10-Q for the quarter ended June 30, 2007. Neurocrine undertakes no obligation to update the statements contained in this press release after the date hereof.

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