SEC Form 4	
------------	--

 $\square$ 

## FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b)
Instruction 1(b).

## STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

## OMB APPROVAL OMB Number: 3235-0287

Estimated average burden	
hours per response:	0.5

1. Nume and Address of Reporting Leson		n*	2. Issuer Name and Ticker or Trading Symbol <u>ISIS PHARMACEUTICALS INC</u> [ ISIS ]	(Check	tionship of Reporting Per all applicable) Director Officer (give title	rson(s) to Issuer 10% Owner Other (specify
(Last) C/O ISIS PHAR 1896 RUTHERI	(First) MACEUTICALS	(Middle) , INC.	3. Date of Earliest Transaction (Month/Day/Year) 07/01/2007	Х	below) Vice Presic	below)
(Street) CARLSBAD (City)	CA (State)	92008 (Zip)	4. If Amendment, Date of Original Filed (Month/Day/Year)	6. Indiv Line) X	vidual or Joint/Group Filin Form filed by One Rep Form filed by More tha Person	orting Person

### Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)						5. Amount of Securities Beneficially Owned Following Reported	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code	v	Amount	(A) or (D)	Price	Transaction(s) (Instr. 3 and 4)		(1130.4)
Common Stock	07/01/2007	07/01/2007	J	v	594 <sup>(1)</sup>	Α	\$8.228	37,948	Ι	By Trust

#### Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transa Code ( 8)		of Deriv Secu Acqu (A) or Dispo of (D)	sposed (D) str. 3, 4		ate	7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)		ount of Derivative surities Security derlying (Instr. 5) rivative surity (Instr. 3		10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	v	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares				

Explanation of Responses:

1. Reporting 594 shares acquired under the Isis Pharmaceuticals, Inc. 2000 Employee Stock Purchase Plan on July 1, 2007.

#### **Remarks:**

# /s/B. Lynne Parshall, Attorney-07/03/2007

in-Fact

\*\* Signature of Reporting Person Date

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

\* If the form is filed by more than one reporting person, see Instruction 4 (b)(v).

\*\* Intentional misstatements or omissions of facts constitute Federal Criminal Violations See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.