FORM 3

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

INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

OMB APPROVAL OMB Number 3235-0104

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

CINTER DATEDICK D	2. Date of Event Requiring Statement (Month/Day/Year) 01/01/2013		3. Issuer Name and Ticker or Trading Symbol ISIS PHARMACEUTICALS INC [ISIS]					
(Last) (First) (Middle) C/P ISIS PHARMACEUTICALS, INC.	_		Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner		5. If A	5. If Amendment, Date of Original Filed (Month/Day/Year)		
2855 GAZELLE COURT			X Officer (give title below)	Other (specify b	elow)	Individual or Joint/Group Filing (Check Applicable Line) X Form filed by One Reporting Person		
(Street) CARLSBAD CA 92010			SVP, Legal and General Counsel			Form filed by More than One Reporting Person		
(City) (State) (Zip)								
Table I - Non-Derivative Securities Beneficially Owned								
1. Title of Security (Instr. 4)				3. Ownership For (D) or Indirect (I) (re of Indirect Beneficial Ownership (Instr. 5)		
Common Stock			2,328	D				
Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)								
		ercisable and Date y/Year)	3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)		4. Conversion or Exercise Price of Derivative Security	5. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	6. Nature of Indirect Beneficial Ownership (Instr. 5)	
		Expiration Date	Title	Amount or Number of Shares	Security			
Employee Stock Option (right to buy)	01/02/201	01/01/2014	Common Stock	1,350	11.12	D		
Employee Stock Option (right to buy)	01/02/2013	01/01/2015	Common Stock	14,000	15.38	D		
Employee Stock Option (right to buy)	01/01/201	12/31/2015	Common Stock	25,000	14.18	D		
Employee Stock Option (right to buy)	(1)	01/01/2016	Common Stock	9,400	14.47	D		
Employee Stock Option (right to buy)	(2)	01/03/2017	Common Stock	17,400	11.27	D		
Employee Stock Option (right to buy)	(3)	08/31/2017	Common Stock	6,700	8	D		
Employee Stock Option (right to buy)	(4)	01/02/2018	Common Stock	19,000	10.29	D		
Employee Stock Option (right to buy)	(5)	01/02/2019	Common Stock	19,500	7.25	D		
Restricted Stock Unit	(6)	(6)	Common Stock	2,166	(7)	D		

- 1. Grant of 1/2/09 to reporting person of stock options under the Isis Pharmaceuticals, Inc. 1989 Stock Option Plan. 25% of the shares subject to the option vested and became exercisable on 1/2/10. Thereafter, the remaining shares subject to the option vested and became exerciable in 36 equal monthly installments, at the rate of 2,350 shares per year. The option is exercisable as to 9,204 on 1/1/13.
- 2. Grant of 1/4/10 to reporting person of stock options under the Isis Pharmaceuticals, Inc. 1989 Stock Option Plan. 25% of the shares subject to the option vested and became exercisable on 1/4/11. Thereafter, the remaining shares subject to the option vested and became exerciable in 36 equal monthly installments, at the rate of 4,350 shares per year. The option is exercisable as to 12,667 on 11/13.

- at the rate of 4,550 shares per year. The option is exercisable as to 12,697 on 11/13.

 3. Grant of 9/1/10 to reporting person of stock options under the Isis Pharmaceuticals, Inc. 1989 Stock Option Plan. 25% of the shares subject to the option vested and became exercisable on 9/1/11. Thereafter, the remaining shares subject to the option vested and became exercisable in 36 equal monthly installments, at the rate of 2,500 shares per year. The option is exercisable as to 2,533 on 11/13. SAY SOMETHING ABOUT OPTIONS ALREADY EXERCISED????

 4. Grant of 1/3/11 to reporting person of stock options under the Isis Pharmaceuticals, Inc. 1989 Stock Option Plan. 25% of the shares subject to the option vested and became exercisable on 1/3/12. Thereafter, the remaining shares subject to the option vested and became exercisable in 36 equal monthly installments, at the rate of 5,750 shares per year. The option is exercisable as to 7,020 on 11/13. SAY SOMETHING ABOUT OPTIONS ALREADY EXERCISED????

 5. Grant of 1/3/12 to reporting person of stock options under the Isis Pharmaceuticals, Inc. 1989 Stock Option Plan. 25% of the shares subject to the option vested and became exercisable on 1/3/13. Thereafter, the remaining shares subject to the option vested and became exercisable on 1/3/13. Thereafter, the remaining shares subject to the option vested and became exercisable on 1/3/13. Thereafter, the remaining shares subject to the option vested and became exercisable in 36 equal monthly installments, at the rate of 4,875 shares per year. The option is exercisable as to 0 on 1/1/13.

 6. The restricted rock with vest for low powers 1/10 for the powers 1/10 for
- 6. The restricted stock units vest in four equal annual installments, the first installment vesting on January 15, 2013. Upon vesting, the restricted stock units will be paid out in whole shares of Isis common stock or cash as may be determined by the Company. The RSU shall be fully vested on January 15, 2016. The RSU is vested as to 0 shares on January 1, 2012.
- 7. Each restricted stock unit represents a contingent right to receive one share of Isis common stock or its equivalent cash value.

Remarks:

/s/Patrick O'Neil ** Signature of Reporting Person 01/03/2013 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 5 (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.

Know all by these presents, that the undersigned hereby constitutes and appoints each of Stanley T. Crooke and B. Lynne Parshall, signing individually, the undersign (1) execute for and on behalf of the undersigned, an officer, director or holder of 10% or more of a registered class of securities of Isis Pharmaceuticals, Inc. (Is (2) do and perform any and all acts for and on behalf of the undersigned that may be necessary or desirable to complete and execute such Form 3, 4 or 5, complete and (3) take any other action of any nature whatsoever in connection with the foregoing which, in the opinion of such attorney-in-fact, may be of benefit, in the best in The undersigned hereby grants to each such attorney-in-fact full power and authority to do and perform any and every act and thing whatsoever requisite, necessary, (1) This Power of Attorney shall remain in full force and effect until the earliest to occur of (a) the undersigned is no longer required to file Forms 3, 4 and 5 with 1

IN WITNESS WHEREOF, the undersigned has caused this Power of Attorney to be executed as of this 1st day of January, 2013.

/S/Patrick R. O'Neil