FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

TATEMENT	OF CHANGES	IN BENEFICIAL	OWNERSHIP

OMB APPROVAL								
OMB Number:	3235-0287							
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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

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

1. Name and Address of Reporting Person* <u>Hoerter Steven L.</u>				2. Issuer Name and Ticker or Trading Symbol Deciphera Pharmaceuticals, Inc. [DCPH]							5. Relationship of Reporting Person(s) to Issuer (Check all applicable)					
											X Director		10% Owne		ner	
(Last)	`	rst) PHARMACEUT	(Middle) ICALS, INC.	05	3. Date of Earliest Transaction (Month/Day/Year) 05/17/2018							Officer below)	(give title		Other (sp below)	pecify
500 TOTTEN POND ROAD			4.	4. If Amendment, Date of Original Filed (Month/Day/Year)						6. Ir	6. Individual or Joint/Group Filing (Check Applicable					
(Street)	AM M	Α	02451								Line	X Form fi	led by One led by More		· ·	
(City)	(S	tate)	(Zip)													
Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned																
Date			Transactior ate lonth/Day/Ye	Execution Date,		Code (Inst	ransaction Disposed Of (D) (Instr. 3, 4) code (Instr. 5)			5. Amour Securitie Beneficia Owned F	s ally ollowing	Form:	Direct Condinect E	7. Nature of Indirect Beneficial Ownership		
						Code V	Amount	(A) or (D)	Price	Transact (Instr. 3 a	ion(s)			(Instr. 4)		
Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)																
Derivative Conversion Date Execused Conversion (Month/Day/Year) if any		3A. Deemed Execution Date if any (Month/Day/Yea	Code (Transaction Code (Instr.		n of		6. Date Exercisable and Expiration Date (Month/Day/Year)		d Amount ies g Security nd 4)	8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)		10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	Beneficial Ownership (Instr. 4)	
				Code	v	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares					
Stock Option (Right to Buy)	\$25.73	05/17/2018		A		24,000		(1)	05/16/2028	Common Stock	24,000	\$0.00	24,000		D	

Explanation of Responses:

1. This stock option was issued pursuant to the Issuer's 2017 Stock Option and Incentive Plan. The option vests in 36 equal monthly installments following the vesting commencement date of May 17, 2018, subject to continued service through such dates.

Remarks:

/s/ Amanda Stastny, Attorney-

05/21/2018

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.