FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

OMB APPROVAL OMB Number: Estimated average burden hours per response: 0.5

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* Guenther Sven						2. Issuer Name and Ticker or Trading Symbol KEMPHARM, INC [KMPH]									all applic Directo	•		ner	
(Last) (First) (Middle) C/O KEMPHARM, INC.						3. Date of Earliest Transaction (Month/Day/Year) 09/04/2015									below)			below)	
2656 CROSSPARK ROAD, SUITE 100						4. If Amendment, Date of Original Filed (Month/Day/Year)								6. Individual or Joint/Group Filing (Check Applicable					
(Street) CORALVILLE IA 52241			52241			and the control of the contro									X Form filed by One Reporting Person Form filed by More than One Reporting				
(City)	(S	tate)	(Zip)			Person													
Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned																			
1. Title of Security (Instr. 3) 2. Transac Date (Month/Date)						ar) E	2A. Deemed Execution Date, if any (Month/Day/Year		Transaction Disposed Code (Instr. 5)			ties Acquiro I Of (D) (Ins				s illy ollowing	Form:	Direct of Indirect str. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
									Code	,	Amount	ount (A) or (D)			Transact (Instr. 3 a	ion(s)			insu. 4)
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 Da if any (Month/Day/Y	ate, Tr	4. Transacti Code (Ins				6. Date Exerci Expiration Dat (Month/Day/Ye			7. Title and Amou of Securities Underlying Derivative Securii (Instr. 3 and 4)		Derivative Security		9. Number derivative Securities Beneficial Owned Following Reported Transactio (Instr. 4)	ly	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				C	code	v	(A)	(D)	Date Exercisable		opiration ate	Title	Amoun or Number of Shares						
Stock Option (right to buy)	\$20.45	09/04/2015			A		50,000		(1)	09)/03/2025	Common Stock	50,000		\$0.00	50,000)	D	

Explanation of Responses:

1. Grant to the Reporting Person of a stock option under the Issuer's 2014 Equity Incentive Plan (the "Plan"). 25% of the shares will vest on September 4, 2016 and the remaining 75% of the shares will vest in equal monthly installments thereafter over 36 months, provided that at the relevant vesting dates such optionee's employment relationship has not been terminated as defined in the Plan. All shares underlying the option will vest in full and become immediately exercisable upon a change of control of the Issuer or if the Reporting Person is terminated without cause or resigns for good reason. The option expires ten years

Remarks:

Matthew P. Dubofsky, as Attorney-in-Fact for Sven Guenther

09/09/2015

** 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.