SEC For	m 4																		
FORM 4 UNITED ST					ATES 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).						suant t	o Sectior	n 16(a	a) of the Secu	rities Exch	-				erage burden	0.5			
1. Name and Address of Reporting Person <sup>*</sup> Wills Robert James						ssuer	Name an	d Tic	ker or Trading	g Symbol	(Ch	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) X Director 10% Owner							
(Last) (First) (Middle) C/O MILESTONE PHARMACEUTICALS INC.						3. Date of Earliest Transaction (Month/Day/Year) 07/05/2022								Officer (give title Other (specify below) below)					
, (Street)	1111 DR. FREDERIK-PHILIPS BLVD, STE 420 (Street) MONTREAL A8 H4M 2X6				4. If Amendment, Date of Original Filed (Month/Day/Year)								Line	6. Individual or Joint/Group Filing (Check Applicable Line) X Form filed by One Reporting Person					
(City) (State) (Zip)															Form filed by More than One Reporting Person				
			ole I - Nor						quired, D					-					
1. Title of Security (Instr. 3) 2. Transa Date (Month/D						ear)   E	2A. Deemed Execution Date f any Month/Day/Yea		Code (Ins	on Dispo		ities Acquired (A) d Of (D) (Instr. 3, 4		5. Amour Securitie Beneficia Owned F Reported	s ally ollowing	Form (D) or	: Direct of Indirect E str. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)	
									Code V	Amou	nt	(A) or (D)	Price	Transactio			ľ		
		-							uired, Dis , options					Owned					
1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution I if any (Month/Day	Date, T	ransa Code (I		5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)		6. Date Exercisable an Expiration Date (Month/Day/Year)		of Ur De	7. Title and Amc of Securities Underlying Derivative Secu (Instr. 3 and 4)		8. Price of Derivative Security (Instr. 5)	9. Number derivative Securities Beneficia Owned Following Reported Transacti (Instr. 4)	e Owr s Forr Illy Dire or Ir g (I) (I	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	Expiratio Date	n Tit	tle	Amount or Number of Shares						
Stock Option (right to buy)	\$6.07	07/05/2022			А		30,000		(1)	07/05/20		ommon Shares	30,000	\$0.00	30,00	0	D		

Explanation of Responses:

1. This option will vest in twelve (12) equal monthly installments, beginning on August 5, 2022, provided that the option will in any case be fully vested on the date of next annual meeting of the stockholders of the Issuer, subject to the Reporting Person continuing to provide service through each such vesting date.

## Remarks:

## <u>/s/ Jason Minio, Attorney-in-Fact</u>

08/11/2022

\*\* 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.