FORM 3

## UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

OMB APPROVAL							
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## INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

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 A	•	· ·	2. Date of E Requiring S (Month/Day 10/31/202	statement /Year)	3. Issuer Name and Ticker or Trading Symbol  Mural Oncology plc [ MURA ]							
(Last) (First) (Middle) PALMERSTOWN HOUSE, FENIAN					Relationship of Reporting Person(s) to Issuer (Check all applicable)				5. If Amendment, Date of Original Filed (Month/Day/Year)			
STREET					Officer (give title below)	Other below	(specify	6. Individual or Joint/Group Filing (Check Applicable Line)  X Form filed by One Reporting				
(Street) DUBLIN	L2	DUBLIN 2							Person	by More than One Person		
(City)	(State)	(Zip)										
Table I - Non-Derivative Securities Beneficially Owned												
1. Title of Security (Instr. 4)				2. Amount of Securities Beneficially Owned (Instr. I)	Form: I (D) or I	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)		4. Nature of Indirect Beneficial Ownership (Instr. 5)				
Ordinary Shares, nominal value \$1.00 per share					2 <sup>(1)</sup>	D	D <sup>(1)</sup>					
Euro Deferred Shares, nominal value 1.00 Euro per share				share	25,000 <sup>(2)</sup>	D	(2)					
Preferred Share, nominal value \$0.01 per share					1 <sup>(2)</sup>	D <sup>(2)</sup>						
Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)												
1. Title of Derivative Security (Instr. 4)  2. Date Exercisable an Expiration Date (Month/Day/Year)			ate	Underlying Derivative Security (Instr. 4) Conve		Conver or Exer	rcise Form:		6. Nature of Indirect Beneficial Ownership (Instr.			
			Date Exercisable	Expiration Date	Title	Amount or Number of Shares	Price of Derivative Security		Direct (D) or Indirect (I) (Instr. 5)	5)		

## **Explanation of Responses:**

- 1. The ordinary shares of Mural Oncology plc ("Mural"), nominal value \$1.00 per share, beneficially owned by Cafico Trust Company Limited, constitute 100% of the ordinary shares of Mural. As of the date of this report, Alkermes plc ("Alkermes") has announced its intention to separate its oncology business from the rest of Alkermes by means of a declaration of a dividend in specie, to be effected by the transfer of the oncology business from Alkermes to Mural and the issuance by Mural of ordinary shares to Alkermes shareholders
- 2. In connection with the separation of the oncology business, Cafico Trust Company Limited also owns (i) 25,000 Euro deferred shares, nominal value 1.00 Euro per share, and (ii) one preferred share, nominal value \$0.01, of Mural.

<u>/s/ Mairead Lyons</u>

11/07/2023

\*\* Signature of Reporting

Date

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

- $^{\star}$  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.

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