

CONSENT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

We hereby consent to the incorporation by reference in this Registration Statement on Form S-8 of Silence Therapeutics plc of our report dated March 15, 2023, relating to the consolidated financial statements which appears in Silence Therapeutics plc's Annual Report on Form 20-F for the year ended December 31, 2022.

*PricewaterhouseCoopers LLP.*

PricewaterhouseCoopers LLP

Reading, United Kingdom

August 1, 2023